BRITAIN'S MOTOR SPORTING WEEKLY

First CanAm — Indy 500 — Porsches swamp 'Ring





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### BRITAIN'S MOTOR SPORTING WEEKLY

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### editorial

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permission of the publishers. (Autosport, 1969

### ONE-CLASS SPORTS CAR RACING

LTHOUGH Group 4 and 6 racing has picked up in interest this season after a pretty dull first year of the 3-litre and 5-litre limits. there is still a very great deal which needs to be done by the FIA to improve the racing. Porsche's is a very extensive set-up, backed by superb organisation provided by Messrs Steinemann, Peich and Bott, and equally extensive funds (two cars were badly damaged by Siffert and Elford during practice for the Nürburgring 1000 Kms last weekend, and with little fuss two more were wheeled out to take their places), and as things are now they have ruled all this year, and in fact clinched the championship last weekend.

The domination by any one marque of a category always encourages potentially boring racing and, were it not for the efforts of Ferrari, Group 6 would be providing very little spectator value. The Ferrari 312P has excelled so far mainly due to the quality of its drivers, for the Porsohe 908 is faster, and even if the Ferrari had not suffered from unreliability it would have stood little chance against the sheer numbers of the German offensive.

At the root of the trouble is the situation which demands that 25 cars must be built to qualify for Group 4 homologation, which is becoming more and more farcical. Porsche have shown this by building 25 of the new 917, and Ferrari will do the same with their 512Ss. In fact, the 4.5-litre Porsohe, after an outing on a fast circuit (Spa) and a slow one (Nürburgring), has not shown up very well in the handling department, although it is probably the fastest sports car of its type in existence. The big G4 Lolas are becoming more reliable and, with better handling, faster, although they too, apart from the "freak" Daytona race at the start of the season, have not met with too much success.

Perhaps what is needed is a formula which merges G4 and G6 and allows racing on a pure capacity basis. This would mean the end of homologation specials and open the door to other constructors, such as McLaren, whose M6GT was refused G4 homologation. Undoubtedly sports car racing would benefit immeasurably from their presence. After all, a category which has got into such a state that 2-litre G4 cars are running without a spare wheel, in order to qualify for a less competitive G6 class, just has to need revision.

### our cover picture

This year's CanAm series is already underway, with eleven rounds to last year's half a dozen, and once again it seems that a McLaren is the ear to have. This is last year's most success-ful non-works car, the Roger Penske McLaren M6B of Mark Donohue.

Photo: Pete Lyons.

## F1 McLaren for Gethin? Another Matra test crash Woolfe buys 917

### Grand Prix Geth

Peter Gethin, who has so dramatically proved his worth this season with his handling of the works-blessed Church Farm McLaren M10A Formula 5000 car, may well get a drive in a McLaren Formula 1 car in the British Grand Prix. If all goes well with the new M9A 4wd car, which is due to make its début at Zandvoort this month, Denny Hulme will drive it at Silverstone and Gethin may be offered his M7A.

Still on the Formula 1 front, it now seems very likely that Pedro Rodriguez will be in the number 2 Ferrari Formula 1 car at Zandwort, and subject to his contract with Tim Parnell he may well retain this drive for the rest of the season, using the car that Derek Bell drove at the Daily Express Silverstone

110 1000.000

### Johnny Servoz flips 650

Another of the Matra Le Mans cars has been seriously damaged in a testing accident. Last week Johnny Servoz-Gavin was lucky to escape with a dislocated foot when he spun one of the new Type 650 V12 Spyders during tests at Marigny-le-Grand airfield. The car touched a course marker and flipped, but fortunately landed on its wheels; however, the damage to the car is severe and, with only a few days before the car must be presented for scrutineering, Matra Sports say they will almost certainly only field three cars for the 24 Hours on Saturday/Sunday week—two 630/650s and a year-old 630.

630/650s and a year-old 630.

Servoz-Gavin is expected to be completely fit in time for the 24 Hours, but Henri Pes-

carolo is still recovering from the injuries sustained in his Matra testing accident at Le Mans in April, and Piers Courage was apparently approached by Matra to drive one of the cars; however, latest news is that Herbert Müller will join the team.

### First big Porsche in captivity

The first Porsche 917 4.5-litre flat-12 Group 4 car to reach private hands has been delivered to John Woolfe in time for Le Mans, where it will be driven by Woolfe and Digby Martland. Apart from being turned out in Woolfe's blue and yellow colours, it is identical to the works cars; the rest of the homologated 25 units are unlikely to be sold for a while for, after having been built in 10 days to satisfy the homologation committee, they have now been dismantled again and are being rebuilt more slowly to Porsche's racing tolerances!

Woolfe's 917 is also entered for the Vila Real Six Hours in Portugal on July 6, when he will probably share the driving with Dickie Attwood. The Porsche joins the new Mk 3B Lola in the Woolfe stable; the ex-Sid Taylor Lola Mk 3, which won the Silverstone Group 4 race in the Dally Express meeting last March driven by Denny Hulme, and the Chevron-Repco B12 Group 6 car are both for sale.

### Ferrari's Group 6 coupé

Ferrari are preparing a new closed version of the 312P Group 6 car, with a differentlyshaped nose section, for Le Mans. Chris Amon has tested the car at Monza and will drive it in the 24 Hours with Pedro Rodriguez. Drivers for the second entry, the open car raced last weekend at the Nürburgring, are not yet fixed but are likely to be chosen from Derek Bell, David Piper and Peter Schetty.

### Six-litre racing in US

Our American spy reports that the atmosphere at Indianapolis last week seemed to indicate a general evolution in USAC racing towards a new formula which would permit only six-litre stock-block engines. The big wheels in Detroit are in favour, and such a ruling would tie in with the new NASCAR capacity limit, which is to be reduced from seven litres to six litres. With the proposed merger between USAC and SCCA (Pit and Paddock, May 23), this capacity could become universal in all types of American racing—and whichever one of the Detroit big three has the best six-litre stock block would rule the roost.

### Westbury-the plot thickens

Colin Crabbe tells us that at the Whit-Monday Mallory F5000 meeting he certainly did sign the organisers' sheet to show he did not mind late entry Peter Westbury taking part, and that he would certainly not have taken any steps to protest about Westbury's inclusion. It thus remains a mystery why the stewards decided not to let Westbury rua, after his late entry had been accepted on condition that none of the other competitors objected, and he had been allowed to practice. Could they have been worried that it might have rained and Westbury's very competitive Formula 2 Brabham BT30 might have made all the F5000s look stupid?

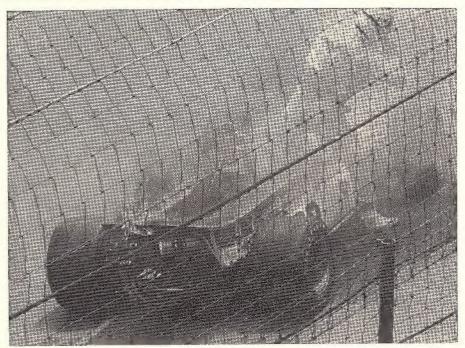
Colin Crabbe's Formula 5000 BRM-Ford, H16 chassis P83/01, is now for sale, owing to his time-consuming Formula 1 McLaren project. Colin also has another two BRM chassis, both for sale: P83/03, and a 1961 P57 chassis with a 4.7-litre Ford V8 engine.

### Bert's back

Bert Hawthorne is yet another New Zealander to come over to England to race, but in his case it's a return visit as he was born in Northern Ireland and emigrated when he was 11. He had his first race at the age of 18 in a Ford Anglia and, after working for Fords in Christchurch, he came to England in 1964 as a mechanic for the Brabham-Honda F2 team. Having returned to New Zealand he raced a Brabham BT21 twin-cam in the 1968 Tasman Series, and was fourth in the Gold Star Championship behind Levis, Lawrence and McRae. He has now bought Graham Coaker's F3 BT21B and will campaign it in European F3 events, starting with Montthery this weekend; he is being entered by the Paul Watson Racing Organisation.

### F2 Zolder

On Sunday the Formula 2 set will be at Zolder for the Grand Prix du Limbourg, where Jochen Rindt and Graham Hill head the entry in their Winkelmann Lotus 59Bs. Jackie Stewart and Johnny Servoz-Gavin will be in the Tyrrell Matras (if Servoz is not at Montlhéry doing the GT race), Piers Courage, Malcolm Guthrie, Peter Westbury and Kurt Ahrens in heir BT30s and Ju Siffert, Gerhard Mitter and Dieter Quester in the BMWs. Alistair Walker's newly acquired ex-Courage BT23C will be driven by Jacky Ickx, while in other 23Cs will be Bill Ivy, Graham McRac, Robin Widdows, Xavier Petrot and Graham Birrell. Eric Offenstadt and Patrick Dal Bo will be in the works Pygmées, John Watson in his Lola T100, Werner Lindermann in his Brabham BT23, John Pollock in the Lotus 48 and Roland Bieder in a Tecno.



Jim McElreath leaps from his burning car after bringing it safely to a halt during the Indianapolis 500. Our full Indy report starts on page 25.

## Victory 1969. MAY

### Silverstone Martini International Trophy Meeting

Martini International Trophy
1st Chris Craft Lola T70
British Racing Saloon Car Race
1st Roy Pierpoint Ford Falcon
Formula Libre Race
1st Harry Ratcliffe Mini Cooper 1275 'S'
International Sports Car Race
1st W. Green Chevron B5

### **Austrian Alpine Rally**

1st Hannu Mikkola/Mike Wood Ford Escort TC Entered by the Ford Motor Co. Ltd. plus 1st and 2nd in over 1600 class

### Crystal Palace International Race Meeting

Greater London Trophy Race Formula 3
1st Tim Schenken Repco Brabham Ford
Norbury Trophy Saloon Car Race (over 1300 cc)
1st Frank Gardner
Aneriey Trophy Saloon Car Race (up to 1300 cc)
1st Gordon Spice Morris Mini Cooper 'S'
plus 1st place in every class

### European Touring Car Championship

Brno G.P. 1st Dieter Quester BMW 2002 plus 2 class wins

### Japanese International Grand Prix

1st Leo Geoghegan Lotus Repco VB

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### Grand Prix de Paris

This Sunday's Grand Prix de Paris on the 3.36-km variant of the Montlhéry circuit features an excellent F3 entry, including Schenken's Brabham, Beckwith and Ikuzawa in Lotuses, Wisell's works Chevron, Jabouille and Depailler in works Alpines, Dubler, Jaussaud, Mazet, Gaydon and others in Tecnos, Lanfranchi's Meriyn, Beuttler and Cassegrain in their BT28s, Hansen and Barric Smith in Chevrons and many more. The supporting Group 4 and 6 race has Redman, Bonnier, Craft and Martland in Lola T70s.

### Walker at Vallelungs

Dave Walker scored another Formula Ford win last Monday at Vallelunga, bringing his Jim Russell Lotus-Holbay 61 home ahead of Emerson Fittipaldi's Morlyn-Rowland Mk 11A, Claude Bourgoignie's JIRDS Lotus-Holbay 61 and Tony Trimmer's Titan-Lucas Mk 4, although Trimmer retains his lead in the European FF Championship. The Formula 3 race went to Vittorio Brambilla's old-type Birel from Claudio Francisci's Brabham BT21B and Giancarlo Gagliardi's Brabham. Full report next week.

### Francisci at Monza

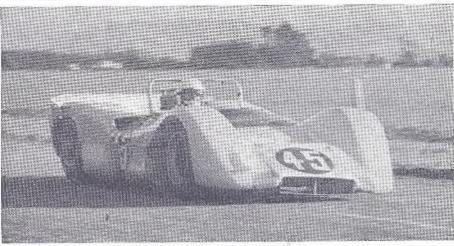
Claudio Francisci won the seventh Premio Fina F3 race on the Monza Junior circuit on May 18 in his Brabham; he was 0.4 sec clear of Gian-Luigi Picchi (Tecno), who was just second from Jean Blanc's similar car, and next up were Maurizio Montagnani and Cliff Haworth, also in Tecnos. Blanc and Picchi won their heats.

### El Blanco moves up

Following Bob Clarke's resignation as General Manager of the BARC, Grahame White, the Competitions Manager, has asgumed the responsibilities of both positions.

### Weekend sport at Oulton . . .

There are rounds of the Redex saloon, STP GT and Les Leston Formula Ford championships as well as events for clubmen's cars and formule libre machinery at the Mid-Cheshire MRC's Oulton Park meeting on Saturday. Leading entries include Gerry Marshall in the new Shaw & Kilburn Viva



Laurence Brownlie broke the New Zealand car speed record on May 24, driving George Begg's McLaren-based 59 Begg-Chevrolet on the bumpy, tree-lined, 18 ft wide South Eyre road near Christchurch at 177.9 mph, This was only 4.1 mph faster than Maurice Sumton's ten-year-old record with the incredible four-cylinder Gypsy aero-engined Stanton Special, although the quickest one-way run was 181 mph. Brownlie will drive the works Begg-Chevy Formula A car in the Tasman Series next year.

GT, George Whitehead's Anglia, and Ian Ashley, Tony Trimmer, Mo Harness, Ray Allen and James Hunt in their FFs. Racing starts at 2 pm.

### Mallory . . .

At Mallory Park on Sunday, the BARC are staging a nine-race programme which will take in rounds of the Ostam-GEC saloon, MN GT, Bob Gerard formule libre and Financings Trophy Formula Vee championships. Entries include Alistair Cowin in his McLaren M1B, Allen Gibson and Tim Stock in their Chevron-BMWs, Martin Birrane (Falcon), Simon Saye in his updated F3 Chevron B9/15 and Steve Thompson's Lola T60 t/c. First race is at 2.30 pm.

### Snetterton . . .

On Sunday at Snetterton the Cheshunt MC will be staging their first ever race meeting. The Top Gear Trophy race for saloons is the main event of the day, and among those contesting it will be Graham Bean and Freddy Jacks (the latter in the ex-Terry Croker ear) in their Anglia twin-cams. Other events in-

clude a Formula Ford race, and a formule libre race which should be a pushover for Carlos Avallone's F5000 Lola T140/142. The action begins at 2 pm.

### Silverstone . . .

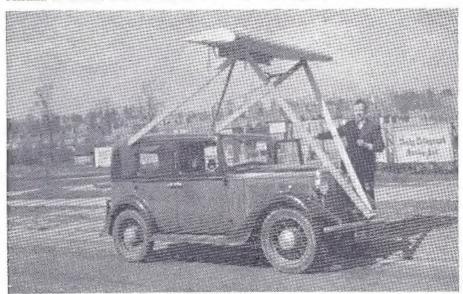
The Eight Clubs Silverstone race meeting has its 20th anniversary on Saturday, and sponsorship from Hoverlloyd, the cross-Channel hovercraft people, should ensure a good meeting for the real clubmen run on the familiar Eight Clubs lines.

### . . . and Shelsley

All the top names in hillclimbing will be at Shelsley Walsh next Sunday for the fifth round in the Shell/RAC championship, currently being led by David Hepworth (4wd Hepworth-Olds), and an excellent supporting entry includes no fewer than ten 500 cc single-seaters. The Midland AC's meeting starts at 1 pm, and Shelsley is 10 miles west of Worcester on the B4204.

### Briefly . . .

- It seems that there may well be another Argentina Temporada this winter, although it is unlikely to be for Formula 2 cars. Both Formula 5000 and a sports car series are being considered.
- Lotus Chief Designer Maurice Philippe will talk on racing car design and construction, with special reference to four-wheel-drive, at the Club Lotus clubnight at the Abbey Hotel, North Circular Road, London NW10 at 8 pm next Wednesday. A filmed interview with Graham Hill will also be shown.
- Basil von Rooyen was lucky to escape with slight facial injuries when he crashed his exworks McLaren-Ford M7A Formula 1 car during practice at Kyalami last week. The car lost a wheel and virtually disintegrated.
- It seems that the Modena aerodrome circuit, used for testing by Ferrari, Mascrati, Tecno, and de Tomaso, will no longer be available for use by racing cars.
- Perhaps the most outstanding, and certainly the most crowd-pleasing, incident at last Sunday's La Châtre F3 meeting occurred when a Formule France driver wandered round to stand inside the circuit hairpin to join a vast crowd of others to watch the F3 race. After some heated words, the Clerk



Before the aerofoil controversy dies down, we couldn't resist publishing this picture sent us by a reader. It was taken in 1938—and we reckon this wing would promote positive, not negative, lift!

of the Course suddenly lashed out with his fists. To the cheers of the crowd, some gendarmes grabbed the official and let him cool down for a couple of minutes. The driver walked away, but within seconds the C of C was at him again. The crowd cheered the driver on, and eventually the gendarmes removed the offending official from his track! Can you see Nick Syrett or Grahame White doing the same?

- Citroëns have been seen travelling at very high speeds on French autoroutes, and something like 140 mph is alleged. It is understood that the merger with Maserati is involved, the engine being a V6.
- First pictures have been published on the Continent of the F3 prototype built by the German-based American firm of McNamara, of which Pete Arundell is now a director. Having built several of their wedge-shaped Sebring Formula Vee cars one of which is raced in this country by Graham Meek McNamara are now going into production with the F3, which is very narrow and uses a spaceframe and conventional outboard suspension. The marque should provide Formula Vee heroes Helmut Marko, Werner Reidl and Günther Huber with their first taste of Formula 3.
- ◆ The Festival of Speed planned for Oulton Park on September 27, which was to have contained several Mid-Cheshire MRC races, has been cancelled.
- Two new Fiats—the 124 Special and the 125 Special—have now become available in England. The 124S features a 1438 cc engine as opposed to the original 1197 cc unit, servo-assisted disc brakes all round and improved trim. It sells for £968. The 125S has an extra 10 bhp from the same capacity 1608 cc twin-cam engine, a five-speed gearbox, quartz iodine headlights, better ventilation system and generally improved passenger amenities. It sells for £1203. Both cars were described by John Bolster in our December 6, 1968, issue.
- Swiss Porsche Carrera 6 driver Hans Kuhnis won a surprise victory over the Porsche 910s of Petitjean, Blank and Leinenweber in the recent Wissembourg hillclimb in Germany. An interesting entry was a 1966 Formula 1 Ferrari driven by Hugues Hazard.
- Liverpool Miniman Mike Kearon, whose motor-racing father Mervyn Kearon bestowed him with the initials MPH, has forsaken his familiar ex-Broadspeed Mini-Cooper S, which has been raced over the past three seasons with 1.0 and 1.3-litre engines with considerable success. In its place Kearon has acquired the ex-Malcolm Wayne/Robert Ashcroft/John Scott-Davies Chevrolet Camaro, which should prove an interesting handful after the Mini.
- Armoo barrier is being erected almost all round the Le Mans circuit, including down the Mulsanne straight and through the White House kink, in time for this year's 24 Hours race next weekend.
- Roger Keele, the former karting ace, who has been going very well in recent F3 races with the rather outclassed EMC, has parted company with the Ehrlich set-up, and although he will continue to drive MRE's FF Merlyn Mk 11A in selected internationals, he is looking for a good F3, GT or F5000 drive, It seems that the EMC will be put into temporary retirement and brought out for a race at Monza in September.
- ♠ A special postage stamp is being issued on July 19 to coincide with the British Grand Prix, illustrating Graham Hill in a Lotus 49, and the GPO will frank the June 19 covers with a special one-day handstamp at Silver-



Bette Hill, in recognition of the rôle she plays as wife of the World Champion, was presented with an 18-cara; gold nugget by BRSCC chairman Bill Webley at a party last week. The party followed the Doghouse Owners' Club AGM. With Bette are (left to right) Greta Hulme, Betty Brabham, Rosamund Smith (wife of BRSCC's Ian) and Pat McLaren.

stone. The competing drivers have agreed to autograph a small number of covers, for which a draw will be held. The project is in aid of the Disabled Drivers' Association; details from C. Williams, Hon Sec Preston Group DDA, 114 Tulketh Road, Preston, PR2 1AR.

- Rootes have decided to withdraw from official participation in motor sporting events due, they say, to the fact that "the commercial value obtainable is now outweighed by the cost of achieving the highest honours in the sport." Their most recent successes include Colin Malkin's three 1968 British rally championships with a Sunbeam Imp, the Hillman Hunter Marathon victory, and Peter Harper's outright victory in the 1968/69 World of Sport Rallycross championship with a Sunbeam Imp.
- Brian Toft (1.5 Anco) and Alan Gorsuch (1.0 Nova Lotus) are still neck-and-neck in the Monoposto Championship with 19 pts each, leading their respective classes. Derrick Colvin's 1.5 Lola Mk 5B is second with 13 pts from Pat Sumner (1.5 Lotus 22), who has 12 pts; Gerry Meharey (1.5 Cooper T56) and Eddie Heasell (1.0 Lotus 20) both have 11 pts.
- De Sanctis, the racing car constructor who ruled the Italian F3 tree before the advent of Tecno, have announced that for this season they will concentrate on chassis for the national Formula 850, which uses Fiat components. They plan a return to F3 when the new 1600 Formula begins in 1971.
- Contrary to a recent Autosport report, Merlyn Formula Ford driver Ian Foster uses a motor tuned by Sigma Engineering of Gillingham, Dorset—as do Bryan Sharp and Paul Weldon.
- The London Special Builders' Group of the 750 MC have issued a challenge for the Birkett Six-Hour Relay Race at Silverstone on August 9; they will pay the entry fee and petrol of any other 750 team that beats them. A similar Formula 1200 challenge has been made to any 1200 or 1-litre clubmen's formula team.
- The most disappointed man at Barbon Manor last Saturday was Martin Brain, who was sharing his car with a car-less Tony Griffiths. As he was waiting for engine bits from America for the Cooper-Chrysler, Brain had turned up with no less than an Fi Cooper TB6B, complete with two-valve BRM

- V12 engine. Unfortunately the mixture settings were all wrong, being still set up for the Mexico atmosphere, and after spending most of the day trying to start the car the pair could not get down to competitive times.
- At the Total test day at Silverstone last week Joe Lowrey achieved 74.86 mpg in a diesel Mercedes-Benz 220D.
- It seems likely that BLMC's Competitions Dept will be entering a pair of G5 Morris 1300s for the Spa 24 Hours saloon race on July 27/28. Drivers will include regulars John Rhodes and John Handley, while there is talk of a leading foreign name being brought in to share the other car.
- A 100-mile prod sports race with a £250 prize fund will be the main race on the Austin-Healey C's card at their Thruxton meeting on July 27.
- Team Mospeed, the glassfibre and race preparation business run by Bob Evans and Mike Ordway, have moved to Factory 2, Burnham Trading Estate, Burnham Road, Dartford, Kent (Dartford 25674).
- An unfortunate error in our May 23 issue interpreted Jo Siffert's name in Ferodo's advertisement advertising their Monaco success as Sifford. Our apologies to all concerned.
- Yet another New Zealander to come to England to seek his motor racing fortune is Clive Bush, who worked with McLaren last year and is now doing preparation work on his own. Recent projects include inserting a 2.7 Climax mill into an F2 Tecno chassis for a French hillelimber, and helping to sort the FF Royale. In New Zealand he used to race a Lotus 18, and then an 1198 cc sports car based on bits from the 18.
- Lynton Racing of Fortis Green, London N2, who manufacture twin-cam Hillman Impengines, have been appointed dealers for Unipower GT cars.

### Indy order changes

• Since we went to press with the Indy report the official results have been announced which alter the ones printed. The order should now read: Andretti, Gurney, Kenyon, Unser, Revson, Leonard and Donohue in seventh place. Mark Donohue also won the Rookie-of-the Year award worth \$5000 in spite of Revson's great drive from 33rd to fifth place.

## correspondence

### Tribute to Hawkeve

NYONE who knows anything at all about motor racing is aware of A Paul Hawkins' achievements as a driver; I would like to say a little

In this complex business of international motor racing there are many people who do not allow their personalities to obtrude, for fear that it might jeopardise their chances of getting the right drive. Paul made it to the top, but he was never afraid to call a spade a spade. Many of his classic remarks are truly memorable, like his reference to "lady drivers" at Sebring a couple of years ago.

If I turned to Paul for advice I could always be sure of being told the best and only way to go, for he was so straight and genuine that he would not pass an opinion or offer advice unless he was certain that it was for the best. He would dismiss major catastrophies like his trip into the sea at Monte Carlo with a phrase like, "\*1\*1, matey,

it was just one of those things."

Paul was always fun to be with. If you went to a party and Hawkins was there, you knew that the party would swing-it had to. His personality made people enjoy themselves, for he was always cheerful and energetic. He had many problems of his own, but would always sort them out quietly and never search for sympathy from anyone if things weren't going well for him.

Everyone will miss him, but he would hate to think that anyone was unhappy or talking of quitting racing or of not going to that party or out for that drink because of his death. If he had it over again he would still do that race, as he always fully respected the risks involved. He would say, "\*!\*!, matey, it was just one of those things; go out and have a good time for me."

HAM, SURREY.

CHRIS SKEAPING.

### Poster advertising

THE reference to your editorial last week about GLC advertising With reference to your editorial last week about GLC advertising for Crystal Palace meetings, and in particular for last Whit Monday's F3 event, I was intrigued by your comment that it would be interesting to see how the advertising by posters affected the attendance.

I travel daily by British Rail and the Underground and never saw one poster at all, although I particularly looked for them. There were no posters either on the Southern Region stations between Victoria and Crystal Palace. I seem to remember that for the Easter motor cycle races there were no posters on show. So if the GLC have poor attendances at the Palace, it seems they have only themselves to blame. W. E. AVORY.

SOUTH OXHEY, HERTS. [The editorial commuter trail passed Underground posters for Crystal Palace at Notting Hill Gate and Oxford Circus.—ED.]

### Indy fuels

CONCERNING Pete Lyons' article on Indy qualifying in your edition

of May 30: 1) Petrol is not banned, but three pitstops are required. Therefore petrol's higher calorific value is of no use.

2) Toluene (methyl-benzene) has a lower RM number (analogous 'o octane rating) than methyl-alcohol. It is used to increase the calorific content and reduce the consumption of racing fuels.

3) Methyl-alcohol has an RM number of the order of 190-ie, roughly

3) Methyl-alcohol has an RM number of the order of 190-12, roughly 50 per cent higher than Avgas.

4) Ford are using a 27 lb/sq in boost which results in turbocharger discharge temperatures of the order of 325 deg F, which they try to reduce with rich mixtures. Ford would do well to reduce the boost and increase the compression ratio, so that more heat would be produced in the combustion chamber where power could be extracted from it, and less heat would be produced in the inlet tract where it damages

5) Bobby Unser's Lola wears number 1 because he is the reigning USAC champion, not because he won Indy last year. (Caption writer's

boob.-Ep.)

6) Kurtis tried a de Dion rear in 1954/55. Everyone liked the ride (they still raced on bricks then), but no one liked the handling-probably due to indifferent lateral location. TONERIDGE, KENT.

### Prod sports classes

It is a known fact that on the majority of British circuits the lap records and average speeds of 2000 to 3000 cc prod sports cars are slower than those in any other prod sports class. However, organisers insist the majority of the time on running the over 3000 cc class with the "Healey 3000 and Morgan Plus 4" class, ie the fastest with the slowest. This is hardly the way to have competitive racing.

At last, however, an organising club has appreciated that speed and

cubic capacity are not equitable and have gone a long way to recubic capacity are not equitable and have gone a long way to remtoducing competitive sport to a class of motor racing which a recent survey showed to be the most popular branch of club racing: the BARC, who at Silverstone recently combined the 1150 cc class with the 2000-3000 cc class and created exciting motor racing. These classes are the two slowest in prod sports racing, so the step was logical. I hope that other clubs will follow their lead. M. ASHLEY-BROWN. LONDON W1.

### Eye witnesses needed

in any of your readers see my accident at Thruxton on March 23, when my E-type hit the bank and flew for some considerable way? I am trying to find eye-witnesses so I can get an idea of when various bits and pieces came off the car, and piece together the actual cause. MICHAEL MILES. The Paddock, Salisbury Rd., Abbotts Ann, Andover, Hants.

The editor is not bound to agree with opinions expressed by readers.

### AUTOSPORT DIARY

INTERNATIONAL EVENTS

8/12. RSAC Scottish Rally, Blythswood
Sq. Glasgow. 10 am.

8. GP du Limbourg, Zolder, Belgium

June 3. GP du Limbourg.

(F2)
GP de Paris, Montihéry, France (F3, Q4/G8, G6)
24 Hours, Le Mans,

(F2).

GP de Paris, Montihéry, France (F3, G4/G8, G5).

June 14/15. Le Mans 24 Hours, Le Mans, France (FIA G4/G8 Constructors' Championship, round 8).

June 15. Rhine Cup, Hockenheim, Germany (F2).

Talegram Trophy, Lakeshore Raceway, Quebec, Canada (G7, CanAm Series, round 2).

Hameenlinna, Finland (F3, FV, G5).

June 19/22. Geneva Rally (European Rally Constructors' Championship, round 3).

June 22. Dutch GP, Zandwoorf, Holland (F1 World Championship, round 4).

Monza Lottery, Monza, Italy (F2).

Brands Hatch 6 Hours, Britain (European Touring Car Challenge, round 5).

Zulder, Berglum (FY).

Mont Ventoux, France (European Mountain Hillclimb Championship, round 2).

### BRITISH CLUB EVENTS

June 6/8. Rover Owners Assoc Fourteenth
Annual National Rally and Caravan Weekend, Deer Park, Eastnor Castle, near Ledbury, Herefordshire.

June 7. Mid-Cheshira MRC restricted MidCheshire Cup race meeting, Oulton Park,
near Tarporley, Cheshire. 2 pm.
TEAC restricted WD&HO Wills race meeting,
Lydden Hill, near Dover, Kent. 2 pm.
Eight C closed race meeting, Silverstone,
near Towcester, Northants. 11.30 am.
Omagh MC national British hillclimb, Syon-

fin, Fintona, Co Tyrons. 1.30 pm.

BARC Yorkshire Centre 21st restricted Scarborough Weekend driving tests, Rufforth, near York. 1 pm.

June 7/8. Furness MC restricted New Festival Rally, 89/4024973. 11 pm.

Bala & BMC restricted Rall Gwyniad, Thomas Motor Mart, Glanyrafon, Corwen, Merioneth. 10.30 pm.

Jens & Cheshunt MC copromoted Top Gear Trophy race meeting, Snetterton, hear Trophy race meeting, Snetterton, hear Trefford, Norfolk. 2.30 pm.

BARC closed race meeting, Mallory Park, near Kirkby Mallory, Leics. 2.15 pm.

Midland AC national British hillclimb (Shell/RAC Hillclimb Championship round 5). Sheisley Walsh, near Worcester, 1 pm.

BARC South Western Centre restricted hillclimb (Castrol/BARC Hillclimb Championship round), Brunton, hear Collingsbourne Kingston, Wilts. 41/243562. 2 pm.

Southsea MC restricted autocross (PN6 series, SC round 3), Bluddens Farm, Chalton, near Horndoan, Sussax 2 pm.

De Lacy MC restricted autocross (PN6 series, N round 3), High Eggborough, near Whitley Bridge, Yorks.

Tunbridge Wells MC restricted Triad autocross (ACSMC championship round), Hessibury Park, North Perrot, near Crewkerne, Som. 177/499993, 2 pm.

Nottingham SCC restricted autocross (EMAMC championship round), Hassibury Park, North Perrot, near Crewkerne, Som. 177/499993, 2 pm.

Nottingham SCC restricted autocross, Heathgate Farm, Great Warford, near Alderley

Edge, Cheshire, 101/814776, 1.30 pm.
Folkestone & East Kent CC closed autocross and inter-club relay, Great Everden Farm, Hawkinge, near Folkestone, Kent, 2 pm.
Morgan 4/4 C restricted sprint, Santa Pod, near Poddington, Beds. 2 pm.
Dudley & DCC restricted sprint, Curborough Farm, near Lichfield, Staffs, 2 pm.
Chichester MC restricted hillclimb, Ditcham, Old Ditcham Farm, near Petersfield, Hants, 2.30 pm.
BARC Yorkshire Centre restricted 21st Scarborough Weekend driving tests, Olivers Mount, Searborough, Yorks, noon.
Cambridge CG restricted May Manoeuvrea (Castrol/BTRDA Autotest Championship round), Bourne Airfield, 134/336595, 10 am.

am.

Brighton & Hove MC restricted driving tests (ACSMC championship round), Brighton sea front, Sussex.

TEAC Vintage Meet '89, Southohurch Park Lest, Lifetan Way, Therpo Bay, Southondon-Sea, Essex; starts Chalkwell Park, Westellift-on-Sea. 11 am.

vves:clin-on-Sea. 11 am.
11. Sevenoaks & DMC copromoted summer evening driving tests. Green-sleeves, Knatts Lane, Knatts Valley. Sevenoaks, Kent. 171/568618.

Sevenoaks, Kent. 171/568618.

June 11/15. Bugatti OC International Bugatti Rally. Finishes Prescott, near Cheltenham, Glos. June 15.

June 12/15. Bentley DC Golden Jubilee Bentley Shell 500 Landon Itinerary: Oxgate Lane. Cricklewood. 10.30 am, Westcountry Itinerary: St Marry's Church, Plympton, South Devon. 12.30 pm. Scotish Itinerary: starts June 13, Castle Esplanade, Edinburgh. 4 pm.

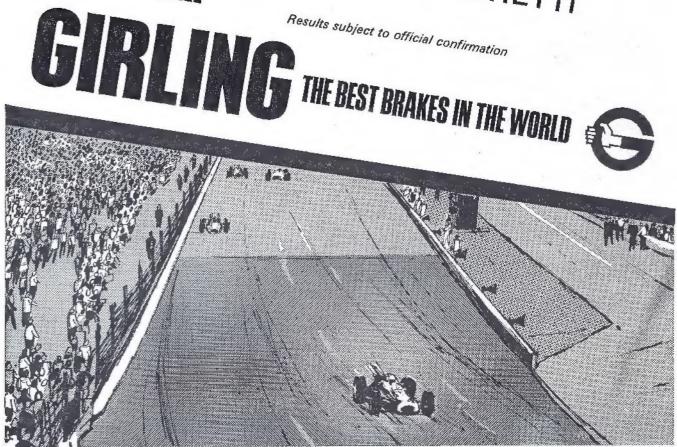
## Girling stop fast -to come first

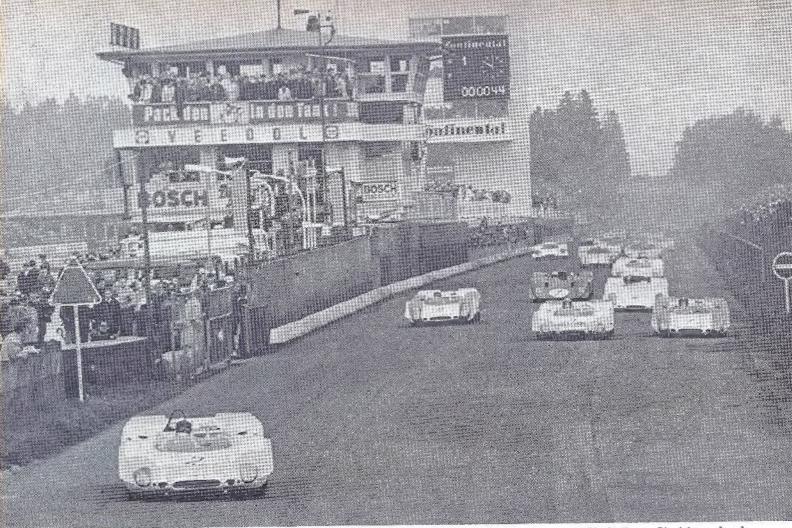
## MDIANAPOLIS 500 MON BY BRAWNER - FORD HAWK

fitted with

MARIO ANDRETTI







The start, with the Mitter/Schütz Porsche drawing ahead of the similar cars of Siffert/Redman and Elford/Ahrens, Lins/Attwood and Stommelen/Herrmann, and the Amon/Rodriguez Ferrari.

### Porsche rub it in at the 'Ring

Redman and Siffert yet again in Nürburgring 1000 Kms
— Porsche 908s take first five places —

New race record — Ferrari fails again, but Amon sets
new outright lap record — Ford GT40 takes G4
honours — 2-litre Prototype and G3 classes
also go to Porsche

By PATRICK McNALLY

Photography by NIGEL SNOWDON

O SIFFERT and Brian Redman won their fourth FIA Groups 4 and 6 Championship race of the year for Porsche last Sunday by bringing their open Porsche 908 home a convincing winner in the Nürburgring 1600 Kms in a record time of 6 h II m 2.3 s, an average speed of over 160 mph. Porsche's supremacy and reliability were really rubbed home, for five of the six works cars finished in the first five places. Rolf Stommelen and Hans Herrmann were second some 4 mins behind, both the leading 908s being fitted with Firestone tyres which gave them an undoubted advantage in the dry conditions over their team mates Vic Elford/Kurt Abreas and Richard Attwood/Rudi Lins (on Dunlops), who took third and fourth places. Fifth place went to the "works" car of Willie Kauhsen/Karl von Wendt, who surprisingly kept the car on the road and were two laps behind the winner.

In the opening laps Chris Amon in the Ferrari 312P offered a serious threat to Stuttgart, but Pedro Rodriguez was not on best form and, although Pedro maintained their second place, Amon found himself with over 2 mins to make up; despite setting a new absolute top record of 8 m 3.3 s, his challenge failed when the electrical system ceased to function properly, forcing retirement.

With no Ferrari the race lost all its interest. The big Group 4 class was won by the Kelleners/Jöst Ford GT40 after an exemplary drive. Jo Bonnier and Herbert Müller lost time early on but drove like demons, catching up with the German Ford only to be forced out with driveshaft failure. Frank Gardner and David Piper, who were called in at the last moment to drive the 4.5-litre Group 4 Porsche 917, found it a bit of a monster on this tight circuit but brought it to the finish, albeit a lowly eighth overall. Porsche now have the Championship well and truly won and should be feeling justifiably pleased with their efforts; the organisation under Ferdinand Piëch, Helmut Bott and tenm manager Rico Steinemann is without par.

### ENTRY

HE ADAC received around 100 entries for this year's 1000 Kms, including the usual percentage of British club drivers. Naturally enough Porsche were hoping to clinch the Championship beyond doubt, and brought along three new open 908s which had redesigned noses, tails and sides, and also featured faired-in cockpits. These new bodies were designed to operate with tail flippers, but the recent CSI ruling on movable aero-dynamic devices meant the cars had to run with small fixed spoilers on their tails. As usual Jo Siffert was paired with Brian Red-man, but Vic Elford was driving with Kurt Ahrens rather than his regular partner Richard Attwood, who was sharing a car with Rudi Lins entered by Porsche Konstruktion. Ger-hard Mitter/Udo Schütz were driving one of the old body-styled 908s, but Rolf Stommelen/Hans Herrmann had a brand new car. For some odd reason Karl von Wendt and Willie Kauhsen were given a works 908, neither driver having enough ability to justify their inclusion in the team.

Against this fearsome array Ferrari fielded a single 312P for Chris Amon/Pedro Rodriguez. After Spa Pedro and Michael Parkes came to the German circuit to do some testing and the car was set up to ride higher than before, and given a new fuel reservoir to counteract the effect of fuel surge when on low tanks. Ferrari have a second car at the factory with closed bodywork, but this is being kept for Le Mans.

being kept for Lc Mans.

The JW team brought along their new Cosworth V8-engined Gulf Mirage for Jacky Ickx/Jackie. Oliver, this being completely different behind the rear bulkhead to accept the more squat Cosworth V8 in place of the BRM V12 unit. The ZF transmission has been changed for a Hewland DG300 gearbox,

AUTOSPORT, JUNE 6, 1969

but although the rear crossmember is different the suspension remains virtually identical. Nevertheless, despite its 430 bhp, the car is still too heavy to be a real threat, even in ticke's capable hands. The second Mirage for David Hobbs and Mike Hailwood was as at Brands and Spa, but it is now fitted with a four-valve BRM engine which in theory should have made it faster than the Cosworth carl (Boarne claim 450 bhp for their 48-valve V12) Preparation of both cars was completed only minutes before they were due to leave, and JW might have been better advised to have brought along one of their GT40s, which at least is a known quantity, rather than try to run two new cars.

Affa Romeo, who had been testing their 3-litre Tipo 33s at the 'Ring the previous week, when they had shown up extremely well, for some strange reason decided not to run them, and instead concentrated on their Group 4 cars. Thus Affa Romeo were represented in Group 6 solely by the VDS entry of Teddy Pilette and Rob Slotemaker, who had brought along a 2½ litre Tipo 33 Serenzesima had entered their new Prototype for Jonathan Williams and Juan Manue. Bordeu, but Bordeu broke it testing in Italy

Hans Dieter Dechent and Gerhard Koch were driving the surviving Martini-sponsored BG Racing Team 907, while Helmut Krause entered his similar car for himself and Ernst Furtmayr. Max Wilson brought along his BRM-engined Lola T70 V12 to be shared by Mike Walker—not perhaps the ideal car for this circuit—and Chris Lawrence completed the class in the Deep Sanderson, which has now been fitted with a 3-hitre V8 Martin engine mated to a Hewland FT200 gearbox. Light and low, the Deep Sanderson has grown a lot since we first saw it with a Minn engine Codriver on this occasion was U2 clubman John Wingfield

In the big Group 4 sports car class entries were sperse. Lolas were entered by Bonnier, Piper, Normder, Troberg, Craft and Prophet, but only three of these turned up, Jo Bonnier's car being the only one to look as if it could offer a challenge in the overall picture Jo was sharing the driving as ever with Herbert Müller, the car being the one they used at Spa. Piper was unable to get his car ready in time, while Normder was called away to Sweden at the last moment. Chris Craft decided not to come, leaving only Picko Troberg/Bjorn Rothstein and David Prophet/Ed Nelson

Porsche had entered three 917s, but found they had more cars than drivers, and decided eventually to run one car for Frank Gardner and David Piper—after all the works drivers save Richard Attwood had given an emphatic "no" when offered the choice. Originally Hubert Hahne and Dieter Quester were going to drive, but BMW decided that they couldn't risk such valuable drivers in the already notonous 917. Nick Granville Smith samely entered his Cobra for himself and Gordon Miles, while Helmut Kelleners Reinhold Jöst had the only GT40 in the race

The 2-litre Group 6 category was equally poorly supported. Squadra Corse entered a pair of 2-litre Porsche 907s for Carlo Manfredini/Giampero Biscaldi and Antomo Nico-emi/Silvio Moser, while Chve Baker entered his Chevron-BMW as a Group 6 car as the prize money was better! A new 2-litre Abarth appeared with a wedge-shared tail for Johannes Ortner and Gijs van Lennep, which looked very like their hillclimb car. There were three Ferrari Dirac entered, including Alam de Cadenct's ex Dean machine which he was sharing again with Mike Walton. Roger Nathan/M'ke Beckwith had the professionally turned out 2 litre Astra Climax, and the BMW Martini garage bad entered a similar car for an unknown German pair. A disappointing non-starter was Mark Kong's Nomad-BRM Mk 2. In the smallest Group 6 class there was a wide variety of cars, from Peter Rand's ex-works Alpine Renault to the Chevron-Fords of John Bridges, John



Io Siffert takes the 908 Spyder he shared with Brian Redman on its way to another win Note the new colour scheme.

Lepp (FVA) and Andrew Mylius, Alan Harvery (twin-cam), with some open works Lancias thrown in.

One of the most competitive categories was the 2-litre Group 4 class. Alfa Romeo had entered three 2-litre Tipo 33s for Andrea de Adamich/Nine Vaccarella, Carlo Facetti/ Herbert Schultze and Nanni Gallı Ignazio Gilloti. These were hist year's cars, immaculately prepared but with no further development work since Le Mans last September.

Against these Alfas were the two Abarths for Eric Bitter, Arturo Merzario and Toine Hezemans, whose car had new suspension modifications since the BOAC, the Porsche 910s of Bill Bradley/Tony Dean, Masten Gregory/Richard Brostrom and Joseph Greger/ Ernst Kraus; and the usual host of Carrera 6s. Chevron had actually entered a works B8-BMW car for Hubert Hahne and John Hine. but when the German got an offer of a Porsche drive Reine W sell was given his first chance at the Nürburgring Private Chevrons were in the hands of Peter Taggart/Tony Goodwin, Peter Brown/Tim Stock (the JCB entry) and the German pair Dieter Basche/ Nikolaus Killenberg. The Group 3 class was a complete Porsche benefit, 10 Porsche 911s having roadgoing Alfa Romeos as competi-

### PRACTICE

THERE was surprisingly little practice when you consider how difficult the 'Ring is to learn all day Friday but only half a day on Saturday The organisers missted on four consecutive laps to qualify from each driver, and a time equivalent to at least 80 per cent of the fastest time in the class. This posed problems for quite a few, for Friday's practice was held in virtually dry conditions, while the whole of Saturday morn-

ing it poured with rain. Hence if a car gave trouble on the first day of practice there was a real problem to get it into the race.

As at Monza and Spa, practice at once became a battle between Jo Siffert and the Ferrari. Siffert, who had turned his own car over while practising the previous day on the South Circuit when he left his braking too late and went off the road backwards into the forest, was using the spare car brought along by Porsche Salzburg, but for qualifying he borrowed Vic Elford's car le a brillant display of driving Seppe gradually reduced his time until he was down to 8 m 0.2 s, well under the absolute circuit record which is held by Stewart's F2 Matra. The Swiss driver had a nasty moment at the 12.8 Km post, which is just before the Karussel, when his 908 flew further than before, and he had plenty of work to do getting it back on the straight and narrow again.

On Saturday in the wet he was still the fastest driver on the circuit, this time driving his replacement car, which he had yet to drive on a dry track. The histle and bustle in the Porsche pit had to be seen to be believed; they were certainly getting results, but one wondered if the price was not too high when Vic Elford flew off the road at the place where Siffert had flown too high, damaging his 908 badly as it rocketed along the bushes before finally spanning to a hal, in the ditch. Rico Stememann looked a trifle upset, having lost two cars in practice, but the supply of reserve machinery seemed virtually mexhaustible

On the other hand, Ferrari achieved virtually identical times to Siffert's after practice sessions completely devoid of drama. Rodriguez went our early on Friday morning and was quickly down to 8 m 3.2 s, and after a few adjustments Amon took over, lapping in the same sort of time. In the afternoon



The Porsche 917 of Gardner/Piper, which took seventh place, leads a 907 and the Oriner/van Lennep Abarth



The new Ford-engined Mirage of lckx10liver showed its potential before breaking its suspension. Here it leads the Kauhsen/von Wendt 908

Chrissy got the bit between his teeth, and his final time was only 0.1 sec slower than Siffert's best. In the rain the following day the Ferrari was again second fastest to Siffert, its new engine going like a bomb—overheating on Friday had given cause for slight alarm, and when no obvious fault was found in the cooling arrangement Parkes decided to have the engine changed

Usually Siffert is a lot faster than his team-mates, especially during practice, but on this occasion Mitter was only 1.1 secs slower, which gave the German a place on the front row of the grid with the Ferran and Siffert Redman, in limited practice, managed 8 m 8 s, while Stommelen also impressed with a time of 8 m 4.2 s, with Elford 6.8 secs slower for once. Vic had got in little practice after his accident and was obviously capable of going quicker, but Saturday's rain put paid to that. However, codriver Ahreas seemed to have the measure of the place and was no slower. Attwood end about the same time as Elford, but his co-driver Lins was quite a lot slower. Surpris-ingly enough von Wendt got down to 8 m 15.7 s, but he didn't appear to have total control of the car on several occasions. This meant that out of the fastest seven cars, six were 908s, so the odds were weighed rather heavily against the solitary Ferrari. It was noticeable that the Porsches used more road than the Ferrari, which seemed to have better roadholding although it was understeering slightly.

The Gulf Mirages were plagued with minor problems; the Ickx/Oliver Ford-enganed car had clutch trouble and the young Belguan only put in three or four laps, the best of which was 8 m 241 s—poor Oliver never sat in the car on Friday. The next day they found the gearbox wouldn't go back together properly and Ohver only got a chance to do a couple of laps before practice was over—so in theory they didn't qualify! The BRM-engined car caught fire in the paddock on the first day and, although this was only minor, only Hobbs got to drive it in the afternoon, and his time of 9 m 9.7 s was not too impressive, but apparently the handling is still far from right and the car feels very airy-fairy on the fast bits. Hailwood qualified in the pouring rain on Saturday morning, but this was the first time he had been round the 'Ring on four wheels, and in consequence he was taking it fairly easily.

Jo Bonner had trouble with an errant 949 on his first lap which he collected at Brünchen, the Lola's hub spinner cutting into the Porsche's fuel tank and locking the two cars together. With fuel all over the track and empty fire extinguishers on hand Jo had a few masty momenta while they tried to disentangle the two cars, and then left in great haste. The damage to the yellow Lola was, however, slight and Jo was soon down to 8 m 30 1 s, the fastest Group 4 car by far. Hubert Hahme and Dieter Quester both had a go in the Porsche 917, their best time being 8 m 37 8 s, which was pretty good after such a short acquaintance. Then, after BMW had forbidden their two to drive, Rico Steinemann phoned to England for Gardner and Piper, who came out on the midnight

plane, but their baptism with the 917 was a trifle too liferal in the prevailing conditions, and both drivers were complaining about the brakes, though Piper seemed happier with the roadholding than did Gardner. Neither went particularly quickly, and the car would not have qualified had the regulations not stated that it was the drivers and not the car who had to get within 80 per cent of the fastest lap in the class. Frank commented dryly that if you relaxed for a second you would be so far off the road you would need a compass to find your way back! Apparently the big car is just as harry as ever and will take a lot of sorting out.

The German GT40 of Kelleners and Jost went surprisingly well yet again and got down to 8 m 41.1 s. Picko Troberg's Lola was written off in a big way on Friday when Rothstem lost it coming under the bridge at the end of the straight, leaving the road at over 150 mph and only missing a marshal by a couple of feet. R.pping through fences, brush and small trees, the Lola was totally demolshed, eventually finishing up back on the circuit again and completely blocking the road. Practice was stopped for half an nour while the wreckage was removed and the driver taken to hospital, where he was surprisingly found to be suffering from no more than a cut lip and a twisted vertebrae. Looking at the car, one wouldn't have given h m a chance in a thousand of escaping so highly The Lola ranks were depleted further when David Prophet suffered bearing failure before they'd even started practice, and whea the bearings went again the following day after only a few laps the car was favourite for first retirement. Another non starter was N.ck Granville-Smith, whose Cobra degested a piston with pretty horrid results. Among the 2-litre Group 4 cars John Hine

Among the 2-litre Group 4 cars John Hine was second fastest in the works Chevron with a time of 8 m 56 3 s. Reine Wisell went surprisingly well and was obviously going to be as quick as Hine as soon as he found his way round Fastest car in the class was the Galli/Guutti Alfa, which was also 13th fastest overall with a time of 8 m 51.1 s, even faster than Pilette/Slotemaker in the 24-litre car. De Adamich/Vaccarella were having handling troubles and were unable to get down to a good time. Both G4 Abarths were involved in accidents: Bitter crashed at the bridge before Brünchen when his suspension broke, and the car dropped 12 ft and caught fire—Bitter was removed to hospital, although not seriously hurt. Hezemans promptly damaged the other when the front suspension broke at the 12.8 Kms post and put him in the ditch The car was not badly bent, but they decided to withdraw it. Peter Taggart was rushed off to hospital on Saturday with suspected gall bladder bothers and Raymond Nash took over his place with Tony

Fastest 2-litre prototype was rather surprisingly the Abarth of Ortner/van Lennep, which got round in 8 m 47.2 s, although the car was not particularly fast down the straight. Moser and Nicodemi were next fastest in the 997 with a time of 9 m 2.7 s.

A GLOOMY weather forecast suggested no change, and it looked as if we were going to have another wet Nurburgring. Piper and Gardner must have been praying for a dry track, for the monstrous 917 must be quite the most difficult car to race here the days of the Auto-Unions. Despite dark skies, as the cars took their places in front of the pits the track was damp but drying all the time.

For the first time an Indianapolis rolling start was used (the Le Mans start was considered dangerous as the drivers don't fasten their safety harnesses). The cars formed up behind Pangio in an open Mercedes and followed him round behind the pits onto the loop and then accelerated down the pit road.

It appeared that few people actually saw the Great Man drop the flag, and both Amon and Siffert besitated before getting on the power; this lag enabled Mitter to slip into the lead, followed by Elford and Attwood. Both Amon and Siffert were now boxed in, but Siffert made up for his bad start and by Breidscheid was through to second place, but the Ferrari wasn't having such an easy time and was still fifth just ahead of Stommelen Willie Kauhsen got his Porsche out of shape at Breidscheid, but continued in seventh place behind the rest of the works Porsches.

Siffert wasted no time with Mitter, and as they came screaming past the pits on their first lap he was already ahead. Amon too was not to be denied, and the Ferran moved ahead of Elford and Attwood into third place The order was now Suffert, Mitter, Amon, Fiford, Attwood and Stommelen, then Ickx in the Gulf M.rage Ford, which moved ahead of Kauhsen, followed by Group 4 leader Kelleners in the GT49, Pilette in the little Alfa, Koch's 907 and Galli's 2-litre works Jo Bonnier came into the pits on his Alfa first lap as the car was weaving badly and they quickly changed a front wheel, although it was probably shock absorber trouble. There was a good deal of drama on the first lap at Kallenhard when Sten Anelsson span his Carrera 6 and Masten Gregory, who was right behind him, had to take to the ditch to avoid him; Masten only just touched the Axelsson car, but John Lepp, who was right behind both of them in the Bridges Chevron FVA, left the road and the car suffered quite bad frontal damage. Max Wilson did it all wrong in the Lola BRM at the notorious 12.8 Kms mark, finishing up against a tree with the bodywork of the Lola sadly smashed and some damage to the front of the monocoque; he was unburt. Alfa Romeo lost their best-placed car after one lap when the Giunti/ T33, which was lying 12th overall ahead of David Piper in the 917, blew its engine.

At the end of the second lap Chris Amon was only 12 sees behind the leading Porsches and was certainly gaming on Mitter in second place. Stommelen had passed Attwood and was now hard on Elford's heels, while young Ickx was making the Ford-engined Mirage really go and was challenging Attwood's works Porsche. Kauhsen was maintaining eighth place, but already there was a long gap to ninth man Koch who was making Dechent's Porsche work for its hvmg, having passed both Pilette and Kelleners; the GT40 led the GT class, and John Hine had the little Chevron in 16th place overall, comfortably leading the small Group 4 class David Prophet was circulating slowly in his Lola, hoping the engine would last long enough for him to qualify for his starting money-predictably it stopped a few laps later with no oil pressure. The Swedishentered Dino was an early retirement when it stopped in the pits with electrical trouble, and Nick Gold soon joined them when his Carrera 6, which Gordon Spice was to share, damaged its exhaust system. John Markey had also stopped in the little 1300 Nathan-Ford when it expired at Bergwerk with engine trouble. Herbert Linge had been an early caller at the pits when the front suspension on his Porsche 911 ceased to function properly, and the car had to be wheeled away

Meanwhile the race was hotting up Amon in the red Ferrari bad now closed with a 10 5 secs of Siffert, while Stommelen, who was our Firestone tyres, was finding them faster than the British equipment on Efford's car and on the dry road was catching him fast. There was now an appreciable gap before Ickx, who was still circulating in close company with Attwood. There was a good deal of activity in the pits, where the Porsches of Axelsson and Brostrom were having running repairs after their opening lap incedents.

By the fourth lap Amon had passed Mitter and was only 8 sees behind Siffert, having him in full view down the straight. Stormaelen had now succeeded in passing Efford but was not drawing away, while the rest of the places remained unchanged, except that Silvio Moser in Nicodem.'s 907 and Johannes Oriner in the 2 htre Abarth had now both passed the big Porsche 917 and were holding 13th and 14th places respectively behind Ickx, Koch, Kelleners and Priette.

Teddy Plette, who had been driving a fine race in 11th place, slid wide at Bergwerk and smote the guardrail, riding along it and damaging the car quite badly but fortunately not himself. David Hobbs, who had found himself boxed in between Pilette and Moser, now moved up a place, while Ortner took the opportunity of slipping by Moser to lead the 2-htre prototypes

Amon was only 5.5 sees behind after seven laps, but Siffert had got the message and was quokening up too, both drivers continually breaking the lap record—this despite the rain that was falling on the far side of the circuit all the way up the hill after Adenau, which enabled Elford to get very close again to Stommelen. Mitter, who was in third place, fell back and was now 25 sees behind the leaders, while Bonnier, who had lost several minutes with his first lap stop, took advantage of the chance to make up places and was now back in 21st spot Ret. rements were coming thick and fast, Basche retiring the white Chevron-BMW with a blown engine, and Gregory coming in with electrical trouble with the Brostrom 910, which eventually eliminated the car after nearly half a dozen pit stops.

Brilliant driving saw Jo Siffert reduce the absolute circuit record to 8 m 5.8 s, and be had now draws out a 17.5 sees lead over Amon in the Ferrari as they wont into their tenth lap. Mitter still lay third, but Eiford lead retaken Stommelen for fourth place, and Attwood was now sixth as Ickx called at his pit to start the scheduled fuel and driver stops. On the same lap their team-mate Hobbs handed over to Hailwood, while the Porsche pit had their first visitor when Piper brought in the 917 "lorry" to give Frank Gardner some exercise.

Confusion ranged supreme when first Siffers arrived for fuel, then Amon in the Ferrari, followed by the five Poisches unmediately benind him—somehow all the cars were fuelled

and sent on their way, but for a few momenta it looked as if there might be sufficient panic for none of the jobs to be done. Fortunately Attwood and Kauhsen arrived when the traffic jam had cased slightly, but it was a sight that few people will forget and will no doubt be giving Rico Steinemann nightmares for many a long day.

With quarter distance completed the order was Redman in the Suffert car 38 sees ahead of Rodriguez in the Ferran, then Schutz in the Mitter car, Herrmann in Stommelen's, Ahrens in Elford's, Lins in Attwood's, von Wendt in Kauhsen's, Oliver in the Gulf Mirage and Kelleners in the GT40, the latter being the only one of these not to have stopped for fuel. However at the end of the next lap the order changed again, for a front wheel bearing collapsed in Schutz's car and he came slowly into the pits with the left-hand front wheel cocked at a strange angle. The bearing cage had broken and welded itself to the stub axle, and it was 40 mins before this car was back in the race again. Porsche were not the only ones in trouble, for Oliver brought the Gulf M.rage in at the same time when the steering developed atrange habits, and the mechanics did up the nut which holds the wishbone to the bottom of the upright and sent him on his way.

The Press pundits were expecting Rodri guez to close the gap on Redman, but quite the reverse was the case, and after 14 laps the Ferrari was well over a minute behind the leading Porsche. A hailstorm had made the track treacherous at Breidscheid and the cars were sliding around like nobody's busine-Hermann was holding onto third place, un-disturbed by Ahrens' efforts to get closer, while Rudi Line was driving a solitary race in fifth place ahead of Von Wendt. The German GT40 was still in seventh place even after it had stopped for fuel and was circulating rapidly ahead of the two Mirages. The 2-litre Abarth was now the undisputed leader of its class, as the Nicodemi 907 had lost time with its pitstop. The Chevron-BMW which had been leading the Group 4 class without trouble when John Hine had been driving joined the list of retirements when Reme Wiseli hung the tail out where he shouldn't and clobbered the rear suspension -a great shame, as the car looked all set to win its



The Ferrari of Amon and Rodriguez (seen here) once again proved to be the strongest threat to the Porsches but, after setting a new outright lap record, retired



The Bourgosgnie Gosselin Alfa-Romeo T33 rounds the Karussel in the wet on its way to 11th place

class. Alam de Cadanet retired the Dino with differential trouble, while Roger Enever, who had been going round without the tail section in Chve Baker's Chevron, decided to borrow one off the damaged Bridges car before they got black-flagged, their own tail having blown off. It looks about time that Chevrons designed a footproof body locking system before one of their cars goes off the

Meanwhile both the Gulf Mirages vanished in quick succession when first a wishbone became detached on Obver's (the other side to the one which had been tightened up), which forced the Essex man to park at the Karussel, and then a couple of laps later Haslwood found himself with no fuel pressure and came to a silent halt wondering whether he was out of Gulf or whether the high

pressure pump had packed up.

After 20 laps Redman's lead had grown to 1 m 48 s, and there seemed nothing the httle Mexican could do about it. A further 42 secs behind the Ferrari Hermann and Ahrens were running wheel to wheel, looking as if they were racing each other in carnest. Lins was still fifth and Von Wendt six.h, whele Jöst was keeping up the good work in the GT40, maintaining seventh place and the class lead despite a very determined effort by Bonnier and Müller which had the Lola now hard on their heels in eighth place overall. Van Lennep, who was driving the Abarth just as quickly as Ortner, was easily maintaining their class lead behind Bonnier—the Koch/Detent 907 having lost a lap first with plug troubles and then ignition problems.

At precisely half distance all the Porsches plus the Ferrari made their second pit stops and it was almost as dramatic as beforeyet somehow they all got serviced. It was now Suffert against Amon once more, with Seppe holding a 2 m 30 s advantage at this point, for the Ferran pst had to change a left rear and a night front tyre which lost them at least 40 sees. By the time the Ferneti was back in the race both Elford and Stommelen were ahead, so Amon was now fourth

The order at this point was Siffert/Redman, Stommelen/Hoermann, Elford/Ahrens, Amon/ Rodriguez, Attwood/Lins, Kauhsen/yon Wendt, Kelleners/Jöst, Bonnier/Müller, Ortner/ Van Lennep und Facetti/Schultze, who had come up gradually through the field in their Alfa-Romeo and now led the 2-litre Group 4 class ahead of team-mates de Adamich and Vaccarel.a

Fourth place did not suit the Fermis one bit, and two laps later Amon was past Elford and lining up for his next conquest, when a bad vibration from the front end of the car sent him back to the pits where the other front wheel was changed. This extra stop put hen back into fourth place again, but the young New Zealander never gave up On lap 28 he managed to set a new lap record of 8 m 3 3 s, which was to be the fastest lap of the race. But yet again sheer had luck intervened, for on the very next lap the Ferrari ground to a halt at the Wippermann when the electrics cut out completely. Chris, wielding pliers and wire, tried to restart it, and succeededbut only for a brief spell, and he finally had to leave the car beside the road and with it the race.

Without the Ferrari the race had no in-terest, and it was just a matter of how much Siffert and Redman could better the race time and in what order the team would decide to finish. The race might have been enhyened by the Lola's pursuit of the GT40 had not Io Bonnier gone missing the previous lap when a driveshaft sheared at Bergwerk

In fact the first five positions remained un changed right to the finish, although Redman called in at his pit two laps before the end so that Jo could take the flag. Stommelen fell back over 4 mins behind, 65.6 secs ahead of the third works Porsche of Elford and Ahrens Attwood and Lins were fourth a lap behind the leader, and Kauhsen and von Woodt a further lap admit. With five of their 3-litre cars filling the premier positions Porsche had every reason to be happy, for it was an overwhelming victory, the like of which we are perhaps unlikely to see again. Porsche have completely tied up the Championship, though after Spa this was already 99 per cent certain anyway. They also took the 2-litre Group 6 class, for the Abarth lost its final drive in the latter part of the race and the honours went to Nicodemi and Moser's 907. which finished a lap ahead of the Baker/Enever Chevron. Roger Nathan and Mike Beckwith were third in this class, losing time when the Astra's gear lever came away in Mike's hand Kelleners and Jöst were well-deserved vactors m the Group 4 class in sixth place overall behind the five works Porsches—this entry had impressed both by their driving and their efficient team work. A lap behind them came the Frank Gardner David Piper Porsche 917, which had at least fin shed the race, which was the main idea. The fastest lap in this category went to Bonmer and Muller in the t ols with a time of 8 m 37 4 s, a new Group 4 record

Carlo Facetti and Herbert Schultze fimshed ahead of the Porsche 917 in seventh place to win the 2-htre Group 4 class for Alfa Romeo, a just reward for a very consistent drive. Second in this class was the Carrera 6 of the German pair Günter Werlich Rainer Ising, who had driven a very consistent race too in their old Carrera 6 and finished over 4 mins ahead of the VDS Affa of Claude Bourgoigme Taf Gosselm Tony Dean and Bill Bradley could do no better than fourth place in this class after their 910 lost power, while Sten Axelsson and Hans Laine did well to set a new 2-1 tre record of 8 m 58 s in the Finnishowned Porsche Carrera 6, but their 15 mins stop early in the race meant they were back in fifth place. Andrea de Adamich and Nino Vaccarella in the second Alfa Romeo never really showed form, a ways running behind their team-mates and finally dropping back when a plug lead came adult

The small Prototype class went to the works Lancias of Sandro Mimari, Rauno Aaltonen and Claudio Magholi Raffaele Pinto, but John Moore/Rhoddy Harvey-Badey set fastest lap and had led the class in their Ginetta G12 until they suffered ignition trouble. Martin Davidson and Jack Wheeler in their really vintage Sprite, veteran of this circuit and of the Targa Florio, finished fourth in this class behind the Ginetta.

Somehow the Group 3 buttle between the Porsche 911s lacked its normal excitement, although the first three cars were only separated by just over 3 mins after six hours of racing, showing that it was far from a foregone conclusion. The winners, who also set fastest lap, were Jürgen Neuhaus/Dieter Frölich, who finished 54 secs ahead of Reine Stenzel Erwin Kremer; both were driving factory modified cars.

Nirburgring 1000 Kees
Nürburgring, Germany, June 1
FIA Groups 4 and 8 Constructors'
Chempionship, round 7

- Chempionship, round 7
  un Siffert/Brian Rudman (3.0 Perchs 808)
  6 h 11 m 2.3 s. 182.5 kph\*,
  Roff Stomme en/Hans Hermann (3.0 Perche 908), 6 h 15 m 4.2 s. 180.7 kph
  Vic Efford/Kurt Ahrens (3.0 Persche 908),
  8 h 18 m 9.8 s. 180.3 kph
  Richard Attwood/Rudi Line (3.0 Persche 908),
  43 laps,
  Wil Kauhsen/Kart Man Manda (4.0 Persche 908),
  Wil Kauhsen/Kart Man Manda (4.0 Persche 908)
- Wil Kauheen/Karl von Wendt (3 C Perscha 908) 42 (aps

908), 43 laps,

5 Wil Kauheen/Karl von Wendt (3 © Perache 903) 42 laps

6, He mut Kell-erers/Reinhold Jöst (5 0 Ford GT40) 41 laps\*,

7 Car o Facett/Herbert Schültze (2 0 AMs Romeo T33), 40 laps\*;

8, Frank Gardner/David Piper (4 5 Perache 917), 40 aps,

9, Günter Werlich/Rainer laing (2.0 Perache 917), 40 aps,

10, Gerhard Koch/Haine-Dieter Dechent (3 0 Perache 907), 39 laps

11, Cleude Bourgognie/Tar Gasselin (2 0 Alfa Romeo T33), 12, Tony Deen/B II Bradley (2 0 Perache 910), 38; 13, Sten Axelsson/Hains Laine (2 0 Perache 910), 38; 13, Sten Axelsson/Hains Laine (2 0 Perache 910), 38; 13, Sten Axelsson/Hains Laine (2 0 Perache 910), 38; 13, Sten Axelsson/Hains Laine (2 0 Perache 910), 38; 13, Sten Axelsson/Hains Laine (2 0 Perache 910), 38; 13, Sten Axelsson/Hains Laine (2 0 Perache 910), 38; 13, Sten Axelsson/Hains Laine (2 0 Perache 910), 38; 13, Sten Axelsson/Heine T33), 16, Clive Basser/Reger Ensyer (2 0 Chevron-BMW), 37, 7, Peter Brown/Tim Stock (2 0 Chevron-BMW), 37, 17, Peter Brown/Tim Stock (2 0 Chevron-BMW), 37, 17, Peter Brown/Tim Stock (2 0 Chevron-BMW), 37, 17, Peter Brown/Tim Stock (2 0 Chevron-BMW), 37, 18, Jürgen Neuhaus/Dieter Fröhl ch (2 0 Perache 9117)\*; 19, Rainhardt Stenzel/Fern Kremer (2 0 Perache 9117); 20, Peter Kaiser/Herbert Müller (2 0 Perache 9117), 21, Tony Goodwin/Raymond Nash (2 0 Chevron-BMW), 36; 22, Hans-Dieter Blatzheim/Malte Heckwith (2 0 Astra-Climan), 24, Leremy Richardwid, 7 be interface (2 0 Perache 9115), 25, Prant Juentgen/Helmut Grien (2 0 Perache 9115), 25, Ernat Juentgen/Helmut Grien (2 0 Perache 9115), 27, Sandro Munari/Rauno AstRomen (1 6 Lancia Fulvia HF FM Special)\*; 28, Gamptere 8 scardi/Corrado Manfredin (2 0 Perache 907); 29 Claudo Maglioi/Raifsele Pinto (1.6 Lancia Fulvia HF FM Special)\*; 28, Gamptere 8 scardi/Corrado Manfredin (2 0 Perache 907); 29 Claudo Maglioi/Raifsele Pinto (1.6 Lancia Fulvia HF FM Special)\*; 28, Gamptere 9 scardi/Corrado Manfredin (2 0 Perache 907); 29 Claudo Maglioi/Raifsele Pinto (1.6 Lancia Fulvia HF FM Special)\*; 28, Gamptere 9 scar

Class winners.



François Mazet completely dominated both his heat and the final with his F3 Tecno

## Mazet dominates La Châtre

François Mazet (Tecno) uncatchable — Good performances by the Alpines and Wayne Mitchell

By JUSTIN HALER

UTDRIVING the rest of the field, the promising Frenchman François Mazet scored a convincing home win in last Sunday's 13th F3 La Châtre GP with his Shell-supported Tecno. Jean-Pierre Jabouille brought his ailing Alpine home into second spot after his dice with team-mate Patrick Depailler had ended with the latter's retirement. Wayne Mitchell, the Canadian Brabham BT21 driver, was a very worthy third.

### ENTRY

HE principal attraction of the La Châtre meeting was a round of the French Formula 3 championsh.p, and in consequence the entire competitive French brigade was entered. Insurance problems on this 1.2 kms circuit, composed of two short straight public roads linked by one very slow hairpin and a less tight one, limited the number of F3 starters to eight. Thus 30 entries were accepted, with the quickest 16 to qualify for the two 40-lap heats, and the first four from each heat for the final.

As is rapidly becoming the case, Tecnos were the most popular cars, with Tecno France team-mates Jean Pierre Jaussaud and Bernard Plaisance in their 69 Novamotor examples, François Mazet in his, Chimay victor Jean Blanc in another, with Alain Boudier in yet another. Non-starting Tecnos were those of Trevor Blokdyk, Jurg Dubler, Bernard Baur and Freddy Link. Alpine arrived with their usual cars for Jean-Pierre Jabouille and Patrick Depailler, while Patrick Dal Bo had the updated 1968 Pygmée MDB12 on hand Hervé Bayard and Max Bonnin brought along their Matra MS5s, Jean-Pierre Cassegrain his Brabham BT28 and Jean Max the ex-Vidal conventional-hodied GRAC MT8, now with McLaren F1-type outside fuel tanks in the interests of safety and weight distribution. René Ligonnet arrived with his Chevron B15, repaired after its Crystal Palace shunt, while Patrick Champin's Merlyn Mk 14A had had the benefit of some Tim Schenken testing just before. Jacques Lafitte brought along the Brabham based Martini for his first race. Swiss Pierre-Yves Gaggio had his Brab-ham BT21 and Yves Carbonatto his Pygmée.

British-based opposition was led by the two Race Cars International entries of Bev Bond (Brabham BT2:B) and Brendan McInerney (Chevron B15), Canadian Wayne Mitchell (Brabham BT21), American Mike Campbell (Titan Mk 3), Austral an John Gilmeister (Lotus 32), and finally the Irishman B.ll Gowdy with his Brabham BT21

### PRACTICE

R AIN was the outstanding feature of practice on both Saturday and Sunday In get within 4 sees of Jaussaud's 1968 lap record of 36 s, and times meant very little fact Saturday was so wet that no one could at all as some people managed to fit 7 ins and 9 ins "d.ddy" Dunlops The Sunday morning practice was also rather unrepre-sentative, as the first session was run in the wet, the next in the damp and the final session on a rapidly drying track. However, with such a busy programme of Gordini, Formule France and other races to run, the La Châtre Clab had little option but to take the times as they stood Thus Jaussaud was fastest with 39.7 s, with Mitchell an outrastest with 57 s, with whichest all out-standing second as he had run in the wet (40 s), Mazet (40.3 s), Jabounile (40.4 s) Dal Bo and Depailler (40.7 s), Blanc (40.8 s), Bond, Campbell and Gaggio (40.9 s), Lafitte and Max (41.3 s), Plassance (41.4 s), McInerney (41.5 s), Bonna and Cassegram (41.7 s) formed the remander of the field, with Champin (41.8 s), Gillmeister (41.9 s), Boucher and Ligonnet (42 s), Bayard (42.2 s) and Gowdy (42.6 s) all very unlicky not to qualify, as in normal circumstances things could well have been very different.

### HEATS A

ESPITE being initially outdragged by poleman Jaussaud, Mazel, driving astonshingly weal, shot into the lead of his heat and proceeded to pull away from the rest of the field at the rate of 1 sec a lap Behind hm he left a very exciting struggle between Bond, Dal Bo. Blanc and Jaussaud for the remaining qualifying places. Dal Bo had made a slow start from the front row, and Bond nudge. his gearbox, bending the Brabham's noscone. Nevertheless with nosecone pointing skywards Bond proceeded to battle wheel to wheel with the much improved Pygmée driver, initially for second place. However, after ten laps Blanc shot by the par to cruse home a comfortable second. By lap 17 it was all over for Bond; he was gently nudged into the straw bales at the Paddock hairpin, continuing last but one, but retiring on lap 30 with overheating. Dal Bo remained third, but dropped way back on lap 30 also after spinning, because oil was leaking from his engine onto his rear brakes and tyres. He dropped to fourth, a lap down, behind Jaussaud, who was having to cope with a lack of brakes and overheating. Bonn in broke a camshaft and Plasance dropped a valve, so Lafitte's sick-sounding Martini was fifth

Desp is making a good start, Mitchell was rapidly ousted from the lead of Heat 2 by the Alpines, who proceeded to battle between themselves, Departler leading for most of the way but being pipped on the last lap. Max mutally held third place from Gaggio, Mitchell, McInerney, Campbell and Cassegrain, but just as they started lap 4 Mc-Inemey, having passed Mitchell and Gaggio, got on the inside line to take Max and sud-dealy both drivers were off-the Chevron retunng with a bent top link and the GRAC restarting last, Gaggio then began to pull away on that spot until lap 22, when he retired with damaged steering, by which time Mitchell had shaken off Campbell, who was troubled by badly locking front brakes, and Cassegram, who had lost second gear.

### RACE

HUS they lined up for the final with Mazet flanked by Depailler and Jabouille (theoretically on pole position), and with Bianc and Mitchell behind. Mazet was initially out fumbled by Depather, but rapidly he asserted his authority on this "Mickey Mouse" track to coast home to an unchallenged win. The A.pmes pursued very hard in vam, again fight ing like arch rivals, until a doughnut sheared Depailler's car. Then, near the end, Jabour le fest his doughnuts vibrating and he slowed down, just making it to the finish with one rubber fractured. Mitchell drove a very good race for third, lapping the consistent Campbell. Blanc retired with a melted piston, while Jaussaud staggered in fourth after an uncharacteristically hairy drive, which included a very dramatic straight-on at the hairpin. Dal Bo was last, having made two pit-stops to unvestigate low oil pressure.

13th Grand Prix de La Châtre, 40 laps, 80.4 kms François Mazet (Tecno-Novamotor 69) 25 m 8 6 s. 120 kph, Jean-Perre Jabou le (Aprie-Renault A360).

Jean-Perre Jebot Ie (Alpine-Renault A360), 25 m 25 5 s Wayne Mitchell (Brabham Luces MAE 8721) 25 m 32 4 s, Mike Campbel (Titan Lucas Mk 3), 39 apa, ean-Perre Ialssa di Tecno-Novamotor 69) 39

39 Patrick Da Bo (Pygmee-Pygmee MDB12) 38 Patrick Depailler (Aipine-Renault A330), 26 DNF

DNF
Fastest lap: Depa ler, 36 9 s 123 609 kph
Heat 1 (40 laps): 1, Mazet, 2 Jean B and
(Tecno Novamotor 69), 3, Jaussaud 4, Da Bo,
6, Jacques Latitte (Martin RPM), 6, Bev Bond
(Brabham-Hotbay BT218) DNF,
Heat 2 (40 laps): 1, Jaboul e 2, Depa ller,
3 Mitchell 4, Campbel 5, Jean-Pierre Cassegrain (Brabham-Ho bay BT28), 6, Pierre-Yves
Gaggro (Brabham-Novamotor BT21) DNF



Pauli Torvonen kicks up a dust cloud as he tweeks the winning Porsche 911S past a parked truck on the Volos special stage.

### Acropolis Rally:

### Toivonen at last

Finns win for Parsche from Clark Parter Escart TC — Heavy casualties in small number of works cars — DAFs go well but make errors — Team prize to Mazda

By JOHN DAVENPORT

PTER losing lost year's Acropolis Rally to Roger Clark following a puncture in the middle of a special stage, it was Pauli Toivonen's turn to take the advantage of a rare Clark excursion to win the 1969 Acropolis. Both were driving cars of identical types to those they used last year, except that Toivonen's 9115 Porsche was fuel-injected and had the long chassis, while Clark's Escort was of the latest large eyebrow variety.

They were the only survivors from two teams of three cars each entered by Foul and Porsche, Ove Andersson/Gunnar Palm were early leaders, only to leave the road in a spectacular fashion at midday on the second day when they had a mechanical failure. Mechanical failure too was the downful of Flamon Mikkola/Mike Wood in a sister car but they were out before the first night got under way. Toivonen had a bit more support from his team-mates as Bjorn Waldegaard/Lars Helmer were the first to go, retiring shortly before Andersson crashed when their engine went sick and they thought it better to retire than continue. Gérard Larrensse/Jacques Perramond had rear suspension trouble early with their Poucha, but continued until Thessolonika until that plus engine bothers put them out.

Theseolonika until that plus engine bothers put them out.

Of the DAFs, Jean-Louis Haxhe was the fastest but his co-driver, Christian Dollerder, integralizated on the times and dropped them from a certain third place ahead of team-mates Claude Laurent/Jacques Marche to 12th overall. As a result, fourth place went to Alex Manintopoulos/Nico Zoubroulls in an NSU TT 1200, for which type of ear Manintopoulos in the Greek importor.

THE Acropolis Rally always has a problem getting entries, which pains its friends and supporters who know it as one of the best and most sympathetic ralies in Europe. This year, what with Renault confining their interests to France, Rootes ungracefully returning, BLMC entering the wrong car in the wrong events, Saab doing the Scotish, and Lancia still not capable of homologating their 1600, works entries for the Acropolis were somewhat limited. Porsche sent three 911Ss for their entire team, these cars being of the latest injection variety and with engines giving (according to the mechanics) over 200 bhp, so, while they might be a bit heavier than last year's 911T, their power-to-weight ratio should not have been a lot different. Ford's three Escort TCs completed the Savage Six from which the rally winner was endoubtedly going to emerge, and the British firm had their normal team of three cars, one Swedish, one British and one Anglo-Finnish. The works line-up was completed by the

The works line-up was completed by the two DAF 55s, though naturally some of the Greek entrants were more than just private owners Stavio Georgiades, for instance, is the Lancia distributor for the north of Greece and was entered in a 1.3 HF Fulvia obtained through the factory in Turin. The team of three Mazda 1200s were prepared and looked after by the local agents during the rally, while two Opel Kadett 1900s, one of which was driven by the GM agent's son, John Pesmazoglou, were entered under the name of the tirm

Internationally speaking, there were two BMW 2002 Hs from Turkey with busband and wife teams, another hisband and wife teams, another hisband and wife teams, but this one from Minnesota in America, driving a Swedish prepared Saab V4, and Autosport's Austrian correspondent Gosta Zwilling driving his own VW 1500, finished in starting yellow and labelled "The Yellow Submarine 007" Then there was David Bochineck, also from Austria, in a Citroen DS21 which he had but recently purchased as a shunted car from one of his customers and hastily rebuilt to do this rally A Porsche each from Switzerland and Germany plus a German BMW and Andy Michailidis in a Hillman Impfrom England completed the scene, and altogether 67 cars came to the start on Thursday morning underneath the Acropolis in Athens

Unbernown to the crews, this was the start of a heatwave which was to make this a physically very tough event. Certain new sections had been added since the previous year, and even with the cancellation of a couple of old favourites the rally was still hundreds of kilometres longer, and to get 't to finish on time, 8 pm on Saturday, the start had been advanced some six hours from its traditional time.

Straight from the start came the first new part of the route, which was a small loop before the Corinth Canal which included a loose surfaced special stage, where Ove Andersson took the lead by 1 sec from Bjorn Waldegaard, who in turn was 3 secs ahead of Mikkola. After crossing the canal, the route followed the same pattern as last year with a 1-km sprint along the new national road followed immediately by the Souli test above Kiaton. Here Toivonen led by 7 secs from Clark, so he was then leading from Andersson, Clark, Mikkola and Waldegaard Immediately came the next test of Kastenea, which like the last one was on tarmac and climbed as much as it fell. Toivonen was again fastest, followed at a 4 secs interval by Wildegaard, so he was now up to second overall with Mikkola third and Andersson fourth.

The raffy now passed down through Tripolis to a special stage on what used to be just a road section through Vamvakou on a twisty, somewhat potholed dirt road. Here it was that Mikkola had his puncture and perhaps mistakenly tried to drive out to the end of the section on it. The tyre on the rear wheel eventually departed and, within a kilometre,

the half-shaft complete with wheel and bearing had departed as well. Unable to summon the Ford mechanics from the end of the section back on the main Sparta road, they effected a temporary repair with a piece of wire to hold the wheel on and limped to a village, from where they phoned to Athens and were picked up by Roger Clark's wife, Judy, at about six o'clock in the morning Clark and Anderson were much quicker over this stage than the Porsches, and this meant that Clark now led by 2 sees from Torvonen, who was in turn 2 sees ahead of Andersson

As the cars reached Sparta the most difficult part that lay ahead was not the infamous Sparta to Kalamata section but an entirely new piece south from Kalamata, which included a loose special stage On the way to the stage, the privately entered Renault Gordini of the Finnish boys Nelskyla and Fast ran into trouble with drivesnafts and, as they were far from their single service crew, they had to retire and Imp back to the safety of Athens. Gérard Larrousse was really in trouble for, apart from the minor problem of losing a headlight which just jumped out going over a bump, the rear sus-pension on his Porsche came out of adjustment and the torsion bar mounts bent, giving his rear wheel a very strange angle. Not only did this affect the handling but caused him to think probably with good reason—that that side would not take much punishment On the stage itself, Ove Andersson was fastest by almost half a minute from Torvonen, while Cark left the road and was in the ditch for almost 12 mins before enough people arrived to get him out. The problem was that, although the bend was just a slight right and left, with the setting sun in his eyes and the dust still hanging around from the pas-sage of the two leading cars he misjudged it and, though he didn't know it, lost the rally. The car was not badly damaged, the suspension not at all, but a new wing would have made it look more presentable. Shortly after the stage, Bochineck retired

his DS21 with electrical failure stemming from the use of a very old battery, which was not up to supplying all the electrics once the lights were turned on.

The Ladon Bridge stages saw Andersson

even beating the Porsches on that very fast uphill road, although the margin was only 2 secs. Both the private Porsches were going strong at this stage, although the very stan-dard car of Schmitthelm/Geltermair was using a lot of oil and they were worned about burnt pistons and rings.

Just before the downhill stage from Kataraktis into Patras, Maniatopoulos ran out of fuel with his NSU and stopped to borrow petrol from Jimmy Simpson of Castrol, who was waiting at the start of the stage for the road to open so that he could pass. Andersson was again fastest and took his lead over Torvonen to 40 secs. Torvonen had had one small bit of trouble when he had had to drive a few kilometres of a special stage on a flat tyre, while he and the other works Porsches were wormed about the increasing fluffiness of their engines and they took the opportunity of the ferry crossing to the main-land to have them checked. The Ford mechanics, too, were busy at the ferry, changing Roger Clark's plugs to cure the misfire and changing Andersson's differential as he thought it was becoming too noisy for com-

Andersson continued to set fastest time on every stage, including the short Distomon hillclimb which came with the dawn after another tarmac stage going into Amfissa. After Distomon, Waldegaard's engine was very sick and only ran on five cylinders, so that, rather than attempt the difficult Kedros section and get the car stuck up high in the hills, he and Lars Helmer decided to call it a day and turn for Athens.

That left two in each team, but now it was Andersson who was to meet his Waterloo.



Roger Clark Jim Porter lost the rally with an off-course excursion in the works Escort TC, here approaching the Vamvakou special stage on its way to second place.



The DAF 55 of Claude Laurent/Jacques Marche finished in third place after the troubles of the works teams and its sister car.

After setting fastest time on the rough loose stage from Tarzan into Karpenissi by 19 secs from second man Toivonen, he decided to change tyres and consequently left on the next tight section having used up some of the time allowed. He caught and passed Clark, who should have been running behind him, but then he had a puncture and Clark repassed him. This misfortune meant that he really had to go on the twisty, loose surfaced section just in order to make it in time, and it was while he was in this state that he had some kind of a failure at the front end of the car and shot off a precipitous edge. After a couple of end rolls, the car came to rest in trees poised over a consideraby greater drop and he and Palm vacated it as quickly as possible. Whether it was another puncture or whether the bottom bearing for the strut failed will not be known for some time, as it will be very difficult to recover the car.

Now it was Tovonen's turn to lead from Larrousse and Clark, both separated from him by considerable amounts thanks to their

previous misfortunes, and their only hope was that his sick-sounding engine would go the same way as Waldegaard's.

Another accident not far from Andersson's occurred to the Minnesota crew, Mr and Mrs Stan Crews, who turned over their Saab V4 after hitting the rock face. If they had not lost time earlier through a broken oil cooler and then run out of petrol north of Lamia (they had to borrow some from the Greek army), they could have continued, but by the time they were sorted out they were out of time. Also out of time at the next control was our intropid Zwilling, who had earlier run for 30 kms of Ladon Bridge with a punctured rear wheel which soon because just a rim. He had had to do this after having so many punc-tures that his supply of spare wheels ran out, and again on this section punctures were his problem and he was time-barred.

With another full 28 hours of the raily still to go, the result was certain barring retire-ments, and the incredible thing is that in the last part of the rally there were very few.



Twenty-two cars passed Agrinion up the west coast and, of these, 19 reached the finish, with only poor Larrousse adding significantly to the list of retirements

At the limsh, it was discovered that both the DAF of Haxhe and the Swiss Porsche 9118 of Durren Stucke berger had penalised themselves out of good positions by checking in early at one point and then continuing to check in early and getting pentilised for it at every successive control, which was the same mistake that Leo Cella made m 1967 and, although pecular to Greece, is quite clear in the regulations

The traditional hillchmb at Parnis was missing from the Sunday morning programme but the race at Tatoi was not, and here an un-mhibited Clark, with no chance of catching Toivonen at all, drove fast and spectacularly to win, lapping every other competitor at least once in the course of the half hour

This was not a classic Acropolis, since there was no close fight in the closing stages as we have had in previous years, nor any great moment of drama which would single it out from other ralles. But it was st I a very, very good rally capable of trying the strength of the very best works teams

Acropolis Bally
Greece, May 29 to June 1
Furopean Rally Championship Constructors,

Furopean Rally Championship Constructors, round 2

Pau To vonen Martti Ko ari (Porsche 911S 422 7

Pager Clark/urm Porter (Ford Escort TC) 978 3,
Claude Laurent/Jacques Marche (DAF 55) 3791 1

pallent s'' NSU 1200 TT), 4014 9

Schmitthe m/Gettermar (Porsche 911S) 4067 6

"S rowo Andriopou os (Dpe Kadett 1900) 4723 4

7 Perhal Mazda 1200) 4498 7 8, Has of s/ Gameras BMW 1800T ) 5008 2 9 Domisopoulos/Jinos (Toyota Carolla) 5057 8 10, Kourend anos/Papakostos (Datsun) 8152 6.



The works Escort TC of Hannu Mikkola, Mike Wood, which succumbed early in the rally to mechanical failure, passes at speed over an untenced bridge near Vanvakou.



BMW 28000 5. This car really personns with enough power to hang the tail out

## Total's test day

By JOHN BOLSTER

The eighth Foreign Car Test Day, organised by Total Oil Great Britain Ltd, took place at Silverstone on May 28 in fine weather. There was a good selection of cars, though Honda and Volvo were notable absentees and the big Americans have previously proved to be short of brakes on this circuit, so they were wisely not present

Starting with a luxury car, I took off with the Mercedes-Benz 250CE Coupé, in this case fitted with the excellent 5-speed gearbox. The suspension is very soft, with a good deal of roll under extreme conditions; the car normally understeers, though it can flick its tail out if the foot is suddenly lifted in a corner. The six-cylinder engine is delightfully smooth, the overhead carnshaft being less audible than on previous models. The Fulda radial tyres screamed lustily and all the controls were very light to operate. I also drove the Diesel Merc, a tough car of incredible economy.

I adored the Alfa Romeo 1750 Spyder Veloce, with the hood down and my deer-stalker ucd on. This is a lovely little car, smooth, incredibly controllable, and faster than I expected. It does everything right, and that five-speed gearbox . . . !

The Opel Commodore GS Coupé has a lot more performance than the standard version. It handles very predictably on Michelm XAS tyres, understeering normally with rear break-away on lifting off. The power steering is incredibly light, but the rather low third gear was a handicap on this circuit.

The Fiat 124 Coupé has been improved by the new treat suppension geometry and its readholding, always excellent, is now treatholding. The twin-cam engine is very enisp, with typically Fiat high-revving characteristics, and it pays to use the five-speed gearbox to the full. The sports engine and fairly firm suspension give this car a very attractive character.

I have driven more Citroens than I can tell but even so the DS21 Pallas astonished me by the fantastic speed at which it would go through corners. The engine seems to have more punch than ever, really accelerating the big car, and the clutchless gearchange is now very rapid in action. Somehow, this car seemed to suit the circuit perfectly.

The Renault 16TS is something of a para-

The Renault 16TS is something of a paradox, for its family station wagon appearance conceals some most sporting characteristics. The engine is very Gordini, giving the car more performance than would seem possible for a unit of only 1600 cc. Most modern front-drive cars are good roadholders, but this Renault excels because it has the sensitive steering and response to the accelerator that one only gets in competition cars. For the family man who secretly hankers after sports cars, this is the one

sports cars, this is the one. The BMW 2002 has a four-cylinder engine that is as smooth as a six, its high third gear suited. Silverstone and the powerful brukes did not get as hot as most others. This is a

most civilised saloon, light to handle and with very comfortable suspension, but it gets up to 100 mph much more quickly than one would expect. I also had a brief and very unofficial trial of the new 2.8 litre, six tyinder coupe Tius cur really performs, with enough power to hang the tail out, and I am looking forward with great excitement to him proof the for the RMW.

my forthcoming road test of the big BMW. The Audi 100LS is a large, roomy car with only a medium-sized engine, but it is surprisingly lively. The new short central gear-lever is very pleasant and the car understeers less than previous Audis. It is safe and controllable in the best front-drive manner, the angle of roll being quite moderate. Though the engine is now giving a remarkable power output, it is by no means obtrusive at high speeds.

The Peugeot 504 KF6, with fuel injection, is a very fast our Its qualities are difficult to put into words, but somehow it makes fast driving easy, comering extremely rapidly with no effort at all and accelerating strongly with very little sign that the engine is working hard. The test car had left-hand drive and a column gearchange, the gearbox nevertheless being a delight to handle, with the usual Peugeot high third gear. Like all Peugeots, it travels with a remarkable absence of road noise and is altogether a most refined vehicle, ideal for long, tast Continental journeys. The Fiat 1255 has an extremely efficient

The Fiat 125S has an extremely efficient engine giving good acceleration, assisted by a five-speed gearbox with well-chosen ratios. The brakes are also exceptionally powerful and almost fierce in action. At Silverstone, the car was hard work to drive, for it understeered excessively. However, one does not normally drive on a racing circuit and on the road this characteristic might be less obtrusive. I would dearly love to have a 124 Coupé with a 125 engine.

I admit that I chose my cars carefully, and I was rewarded by the pleasure of driving some really outstanding machines. There are plenty of dull Continental cars, but I left them severely alone. I can only say that my best half dozen should be tried by every British manufacturer, for the standard was remarkably high.

This was a most useful event and we are grateful to our hosts. It is a pity that some of the guests repaid them by driving dangerously, and most regretably more than one car was damaged. Some motoring writers are evidently better at driving a typewnier than a car, but they ought to respect the valuable property with which they have been entrusted. Let me hasten to add that most of the driving was of a high standard, as one would expect of experienced men exercising their professional skill.



Peugeot 504 KF6: "Altogether a most refined vehicle, ideal for long, fast Continental journeys."





### Alan Rollinson

"At the end of 1968 I thought I'd have one more go. I bought Frank's Brabham, got a good engine and organised things myself."

By JUSTIN HALER

IDING the crest of a wave of success Rand publicity which he enjoyed after a fabulous series of winning Formula 3 races in the opening months of 1967, Alan Rollmson is once again repeating this type of success with another F3 Brabham Success breeds success, they say, and Rollinson's recent performances have carned him a drive from Irish Racing Cars' Mick Mooney, who has bought Rollinson a brand new F2 Brabham BT30. If the Rollmson BT30 combination fulfils its promise, there is no reason why Alan should not be Britain's next candidate for Formula 1-where, if circumstances had been a little more favourable at the end of 1967, he might well have been last year.

### Racing for seven years

Few people are aware of it, but Rollinson, who is only 26, has been racing single-seaters since 1962. After a reasonable start in Formula Junior in 1962 with a Cooper, the FJ motor blew up at Oulton Park, and he dccided then to install a 1500 pushrod Ford mill for libre racing Rollmson is, by nature, an analytical person and over the years his racmg experiences have taught him to weigh a situation up, think it out and then get into action. Looking back on his start in racing in FJ, he recalls that "FJ was probably a mistake: I should have had a secondhand car and learnt the circuits."

Nevertheless Alan continued with the Cooper, bought for him by his father, in 1963 But as the places continued to build up Alan "real.sed that it was getting too expensive. I thought I'd pack up, but midway through 1964 I got this phone call from Frank Lythgoe. He said he'd watched me and asked me to drive his four-cylinder Lotus-Climax 21 at Phoenix Park." This marked the start of a very successful partnership. Lythgoe also had Cooper FJ with twin cam power, which Dave Rees drove, but Lythgoe realised it wasn't much good and so he bought Adam Wyle's Lotus 27 t/c.

The 27 was also a m stake, but Rollinson's reputation as one of the up and coming club drivers was starting to grow during 1964 with his driving of Lythgoe's ex Jack Pearce Lotus With this he won a round half-dozen

In retrospect Rollinson's best plan would probably have been to do a full F3 season during 1965, as without the newer SCA he couldn't really hope to prove fully competitive, and for 1965 his equal first (with Derek Bennett's Brabham BT14) in the Bob Gerard formule libre Championship was his best paper result. Nevertheless Lythgoe continued for 1966 with one of the BI.6s, and with a

bination.

new BT18 F3 car

Roll nson's career suffered one of its set backs with the BT18 when he was towing the car up the M6 and the cover started to blow off He got out to put it back and got hat hard in the eye with one of the restraining straps. This put him out of action for six weeks, but once back he started to impress on the Continental F3 carcuits—placings included a fourth at Cascais to Jurg Dubler, John Fenning and Chris Williams and a fifth at Rouen More libre racing with the BT16-now with 1500 cc SCB engine-produced a win in the Scottish libre championship and second place in the Gerard one

events, taking lap records at Oulton Park and Amtree Wylie joined the Lythgoe team and the two of them became a formidable com-

For 1965 Lythgoe set his sights high and bought a pair of brand new F2 Brabham BI16s. They planned on doing all the internationals, "but we couldn't get new SCAs, which rather spoilt it, and we finished up doing much more libre racing" Potentially

the team was geared to be a professional set-up, but "Lythgoe d.dn't pay us; he just gave us the cars and we prepared them."
Rollinson's reputation was now fast growing as one of Britain's more promising drivers,

but the team suffered a terrible blow when

Wylie was killed in Ireland

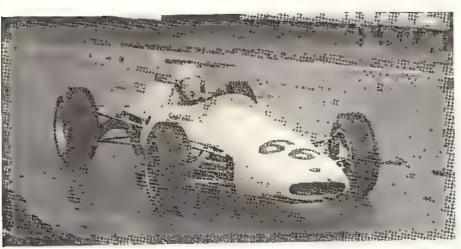
'I wondered what to do for 1967; in the end I got Lythgoe to let me keep the BT18 It had the same bottom end, but I fitted 't with one of the first Holbay downgraught heads—it was probably the first Cosbay" for the Temporada series. The whole series was Matra dominated, but Rollinson proved the quickest non-Matra man and ended up fifth equal with John Cardwell's Brabham.

### F2 disaster

The next season started with Rollmson in a new F3 Brabham BT21 He did mainly club races, and particularly Leston F3 championship events, virtually winning everything he entered. This encouraged Lythgoe, and "while I was away at Monza, he cabled me saying would I drive an F2 McLaren M4A I said sure, and that was the start of a bg disaster." Up until now his experence of the 1600 cc F2 was confined to Gerard Coopers They were not competitive, but he had put some good performances, notably Hockenhe.m

The BT21 was sold and the stable took delivery of the McLaren. "But Frank's an impulsive sort of chap. There was a race at Ingliston and he bought another BT21 just for We went up to Ingliston-the car was completely unsorted and suddenly the petrol tank wen, up in flames, I managed to get out of the cockpit, then passed out" Unfortunately the burns kept him out of racing for

area in course kept rim out or facing for another couple of very crucial months. When he came back to facing, it was to the McLaren "Everyone said it was a good car, but the only F2 I had to compare it with was the Cooper The McLaren wasn't a balanced can to distance country drift it." Subsequent 1968 McLaren M4A performances proved conclusively that the McLaren wasn't the car everyone though. it was. So at the end of 1968 Rollmson, after such a brill ant start to the year, was rather back to square one. "I won the number one Grovewood Award, and that cheered me up But if I was to continue for 1968 I wanted to get paid I'd gone from a mechanic to car selling, and up



Rollinson spent most of his time in Lythgoe's F2 Brabham-SCA BT16 winning libre races. Here he speeds through Old Hall at Oulton Park on his way to a wet victory.

until 1968 I hadn't really earned a penny out of racing. Now I wanted to get married, I told Lythgoe about getting married," and as Farmer Frank didn't want married racing drivers, the long and successful combination broke up

The various setbacks of 1967—notably the lack of success with the McLaren—ensured that his best offers for 1968 were for F3. The best of these was from the newly-formed Red Rose team, who were running the works Formula 3 Chevron B9s. "It seemed a good offer, but my big mistake that year was in actually signing a contract, because I had to turn down offers of driving Gerard Merlyns and Chequered Flag McLarens in F2." But he also got offered a GT Chevron-BMW B8 drive by TechSpeed

The GT gamed him a third in class at the

man with whom he had briefly run a racing car preparation business in 1967. But the car was the less reliable of the two TechSpeed entnes, Chris Craft getting many more results He also had a couple of drives for Bill Bradley, taking a second place in the Barcelona Six Hours with John Fitzpatrick in Bradley's Porsche 910.

The story of the F3 Chevrons is well-known Initially the cars, of very good basic design, needed quite a bit of sorting, and then the Red Rose équipe had a lot of bad luck with engines. Thus, although Alan scored several places and a singleton win at Schleizer in East Germany, his results did not justify his potential or his by now considerable experience "At the end of 1968 I was wondering what was happening—I thought I'd have one more of I bought Frank's Brabham, got a good engine and organised things myself."

This season started extremely well with a win in a Mallory Park Lombank race over Tim Schenken in the BT28, and since then he has won most of the F3 races he has entered, and proved as competitive as any body in the rest. Such performances dispelled the doubts of any sceptics who had put his mediocre 1968 performances down to lack of driving ability, and once again the racing world became interested. Alan Rees of Winkelmann Team Lotus brought him in to take over one of the F2 Lotus 59Bs along with John Miles or Roy Pike when Hill and Rindt were elsewhere occupied, and he rapidly justified Alan Rees' faith in him, putting up a superb show at Hockenheim, where he stayed in the leading seven-car group (in seventh place), being unable to break away because of the wide tyres he was running to the small Dunlops of the rest of the group This, and his F3 Brabham performances, got him the IRC drive, and if he goes well in that and the new F3 Chevron B15 which has just replaced the Brabham, he should be well on his way to F1 within the next 18 months.





Alan took the F2 Gerard Cooper T82 to a fine fifth place in the soaking wet Mallor) International in 1967; Gardner's Brabham follows.





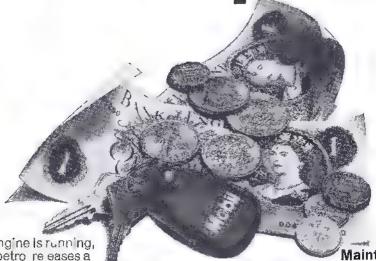
Rollinson in the Red Rose Chevron B9 leads Ikusawa's Brabham and Stiller's Chevron in the 1968 Motor Show 200



Alan's Brabham BT21B at Mallory Park on its way to victory over Tim Schenken's Brabham BT28 earlier this year.

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The Capri's neat, long-bonneted lines have already become a tamiliar sight since the car's introduction last Januar)

## A Cortina GT with the Mustang look

EOPLE get tired of saloons, and there is a rising demand for something a attle more spectacular Most drivers prefer to have a sporis coupé, but they are deterred by their families and their insurance brokers If a manufacturer can produce a car that looks like a low, fierce GT coupé but is really a practical four-seater, powered by an ordinary production engine, he will sell it in tens of thousands. Such a car is the Capri, and it seems likely that Fords have again hit on exactly the right formula to temp, the cheque books out of customers' pockets

The Capri will eventually be available with seven different engine options, but for the purpose of this article we shall only consider the 1600 GT version. Broadly, two alterna tives were possible in styling the body, and it might have been tempting to follow the Italian school. With deep windows, short bonnets, and an absence of decoration, the riets, and an ansence of triumphs by per-litalians achieve their artistic triumphs by perfeet proportions and under statement. Americans, on the other hand, tend to hark back to the 1930s, when a car had to have a big bonnet and a small body to be beautiful Though the Capri was designed in England, the phenomenal success of the Mustang has obviously influenced its proportions, and its much smaller engine is amost lost under a bonnet that could easly shelter eight cylinders. The "power look" gives the Capri an extrovert appearance that its gentle manners bele

Mechanically, the car is similar to the 1600E and the weight of the two machines is almost identical. I could not quite get the 1600E up to 100 mph but the Capri will just do it, though it takes some coaxing past 98 mph On the other hand, the Capri is slightly higher geared and does not feel quite so quick off the mark in consequence, though the difference is very slight. Evidently the insurance companies realise that this is not primarily a speed model, and the premiums

are therefore moderate

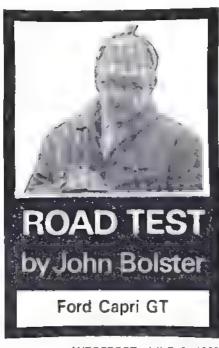
If the performance of the Capri resembles that of its sister, in other respects it is very different I had to criticise the 1600E for being too noisy when driven hard, but the Capri is altogether quieter and smoother. Fourcylinder engines, except very smal, ones, present a problem because they tend to make the body panels drum, and a good job has evidently been done in getting the natural frequency of the major pressings as far as possible from the critical engine vibrations. Sound insulation is also excellent, and both tyre and wind noises are well below the average

The rear suspension has been specially saided for this application. The movement has been restricted so that the car can ride low, without assuming a tail-up attitude when there are no rear passengers or higgage. This has been achieved by obtaining a progressive rate in three stages. First, the semielliptic springs give, and then the very thick rubber bushes of the radius arms are compressed, because the "wrong" are has deliberately been struck. Finally, the orthodox bump stops begin to come into play Another very simple arrangement is the mounting of one damper ahead of the axle and one behind, which reduces patter due to wind-up of the springs on violent starts and stops

The MacPherson front suspension follows the design of the Escort, with rack and pinton steering and a  $4\frac{1}{4}$ -ins wide track, which is  $\frac{1}{4}$  in wider than the Cortina. The car is 4 ms lower than the Cort na and has a longer wheelbase, though the overall length is slightly less. The result of all this is a better ride than the 1600T gives, though there are still some sharp up and down movements, particularly on country lanes. The roadholding s truly excellent, the cornering power being exceptionally high, with almost neutral response tending towards understeer. This is just sufficient to give good stability, though there is little castor action and the steering feels rather dead which is unusual with rack and pinon. Gusts of wind can be left because of the ong, high nose. The servoassisted brakes are very powerful and, though they certainly warm up during hard driving, they show good resistance to fading. The hand brake is also unusually powerful and the lever

Certa nly the car is attractive and well equipped in its basic form, but the test car had nearly £80 worth of extras, known in Ford terminology as the "XLR pack." The pack covers interior appointments, such as the reclining front seats, the L pack covers additional exterior trim, such as dummy air vents (I could do without those), and the R pack, for GT models only, means rally equipment like wider wheels, leather-covered steering wheel, and auxiliary lamps. Anyway, you get a lot of extras for your money

The heating and ventration system is very efficient, and the extraction has non-return valves, which completely prevent the entry



AUTOSPORT, JUNE 6, 1969

of exhaust gases under any conditions. It is therefore considered unnecessary to have quarter lights in the doors and the small rear windows are fixed. The rear seats are comfortable as long as the front seats are not set too far back, and it is best for the shorter passengers to occupy them, a tall man having his head rather close to the roof However, this is much more than a mere 2 plus 2, and the rear scats are suitable for serious touring. The instrument dials are deeply recessed to prevent dazzle at n ght, but the range of the headlamps is a little disappointing The driver sits low and his view is not exceptional towards the rear quarters.

The car gives the impression of being very tough and rigid, and there are many safety features in its construction. The interior is well padded and the levers for releasing the front seats for tipping are separate from those that adjust the squabs, so the adjustment is not lost. Every motoring writer has praised the gearbox and I must join their number, for the change is extremely light yet the synchomesh is 100 per cent effective, with well chosen ratios. The clutch is smoother than that of the 1600E I tested, perhaps partly because of the rubber damped propeller shaft, which certainly improves the low-

speed flexibility in top gear.

The Ford Capri 1600 GT will just about attain 100 mph, which is surely enough in a 70 mph country. Nevertheless, it will even

V6 engine, and that is a car I am really looking forward to driving

SPECIF CATION AND PERFORMANCE DATA

SPECIF CATION AND PERFORMANCE DATA

Car tested. Ford Capr. 1600 GT price £1042 including PT Extra X.R pack (see text) £80

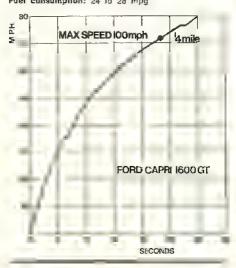
Engine: Four cylinders, 81 mm x 77 6 mm (1599 cc). Pushrod-operated overhead valves Compress on ratio 9 to 1, 88 bhp (net) at 5400 rpm Twn-choke Weber downdraught car burette

Transmission: Single dry plate diaphragm spring dutch. Four-speed att-synchromesh gearbox with central lever, ratios 1 0, 1 40 201, and 297.1. Rubber damped propel or shaft to hypoid rear axle, ratio 8 78 1.

Chasels: Combined stee body and chasels. Independent front suspension by MacPherson struts lower wishbones, helical springs and anti-roll bar. Rack and pinton steering Rigid rear axle on semi-e, ptic springs and radius arms Telescopic dampers all round. Disc front and drum rear brakes with vacuum servo. Bolton gisc wheels filted 165-13 ins radia pily tyres. Extra Rostyle wheels with 55 ns fins Foulpment: 12-volt lighting and starting Speedometer. Rev counter. Oil pressure, water temperature and fuel gauges. Voltmeter Clock.

reversing and map-reading lights, radio Dimensions: Wheelbase 8 ft 4.8 ins Track (front) 4 ft 5 ins. (rear) 4 ft 4 ins. Overal length 14 ft 0.5 in Width 5 ft 4.8 ins. Weight 18 cwl

2 qts
Performance: Max.mum speed 100 mph Spee
n gears, third 77 mph, second 53 mph, fi
36 mph Standing quarter mile 18 7 s. Acceletion 0-30 mph, 4.0 s. 0-50 mph, 8.9 s. 0
mph, 12.8 s. 0-80 mph, 24.4 s.
Fuel consumption: 24 to 28 mpg





Under the Capri's bonnet is the familiar Cortina GT umt



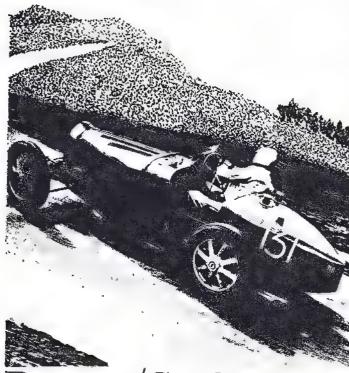
The leather-rimmed, padded steering wheel is included in the XLR specification,



Longer in wheelbase and wider in track than the Cortina, the Capri rides and handles

## W

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Transfer to Paddock
Children under 14
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Parking FREE
Practice Sat. June 14th
from 11.00
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Mario Andretti in the turbocharged 2wd Brawner Hawk on his way to worning his first Indy 500 for STP and Andy Granatelli,

### **INDY 500: MARIO MAKES IT**

Mario Andretti (turbocharged Hawk-Ford) wins after struggle with A. J. Foyt (Coyote-Ford) — Dan Gurney (pushrod Eagle-Ford) second from Bobby Unser (Lola-Offenhauser)

Story and pictures by PETE LYONS

T is finally the year for both Mario Audretti and Andy Granstelli. Hoving joined forces, and weathered the untimely inst-minute withdrawal of their specially-commissioned "supercar" Lotuces, they fell back on a conventional rear-wheel-drive chassis and prepared it to the nthdegree. The gamble was the durability of the highly stressed turbocharged 2.65-litre Ford anglue, but Mario's particular unit performed faulthessly.

It was a race that went to one swift and to many sloggers. The first half was a pitched buttle involving A. J. Foyt, Roger McCluskey and Lloyd Ruby, but the first two, tenm-mates, had manifolding problems, and the third made a mistake in the pits. Several entries who should have figured had bad luck. It was a safe race, with no injuries and only two brief incidents calling for the "yollow," but as 20 starters retired the end was not exciting.

N last week's issue we examined the entry for the world's richest motor race, and described the days of practising and the qualifying sensions. The day before the race is a full-stop day. The track is closed and everyone must be content. This particular penultimate day was miserably hot and there were many worried faces; a strictly enforced rule states the car must race in the configuration in which it has qualified, and the qualifying days had been balmy. The STP men were taken to task for trying to fit an extra cooler to Andretti's Hawk, and they laboured for into the night to get around this. Also still working at midnight, typically the only driver still in Gasoline Alley at that hour, Brabham was bending over his two BT25-Repco monocoques trying to make up for a month spent in Europe.

There's not the slightest doubt that, should the race itself ever be cancelled for some reason, 300,000 speciators would still come Probably a goodly proportion wouldn't even notice the race was massing. This is the great summer festival in the heartland. The atmosphere is relaxed and cheerful and the prices are shocking. The night is filled with song, fireworks and police sirens, and at first light an aerial bomb shakes the Speedway grounds The gates are flung open and it's the Okia-born Territory land rush as the first few thousand spectators roar at full throttle for three-quarters of a mile down the length of the safield from the gate at the north end to the choicest vantage points against the south fences. Woe betide anyone foolish enough to have pitched a tent in their path, there or m a Western Desert dry wash just before a flash flood. There would be no trace. To everyone's relief, race day was only

pleasantly warm. A high thin haze took the edge off the sun. The huge stands filled rapidly with a great wall of spectators, creating almost a Roman circus feeling to confront the 33 nervous drivers as they followed their 33 polished racers out to the grid. In the lineup were 19 Offenhauser engines, 11 four-cam Fords, two Repcos and one stock block Ford. Only four cars had four-wheel drive, but 30 had miperchargers, all of these exhaust-driven

### RACE of a British with a way Thomas

T long last the parades, anthems and re-A leasing of bulloons came to an end and Tony Hulman ordered all engines started; all obeyed but LeeRoy Yarbrough's charged Ford, and hastaly his Vollstedt was pushed out of the way until it too chimed in Possibly with fuel consumption on their minds, everybody behaved themselves, formmg up quickly so that after only two pace laps the starter was satisfied and unleashed the flowing river of 20,000 horsepower.

In the terrifying funnel into Turn 1 pole-man Foyt held his advantage, but then going through Turn 2 and out onto the back straight Andretti squirted his Hawk past the Coyote. Already the great statistic machine was granding: Mario hartled down across the bricked finish kne to lend the first lap at 162.543 mph, with Foyt, Roger McCluskey (Coyote) and Bobby Unser and Mark Donohue in the 4wd Lola-Offics behind

Another 2½ miles and the pace of the first three was in the 166 mph bracket, and they were pulling away. The Hawk and the two Coyotes appeared out onto the main straight as three bright red droplets falling from a great height, evolving into recognisable automobiles as they fell down at 200 mph between the walls and tiers of spectators. As one the three turbocharged Ford V8s shut off with a bang, the cars weaved under braking and fell into file, and one had a quick flash of the drivers working fiercely at the steering as they slid around the quarter-mile of banking.

Unser appeared a little behind as a yellow

AUTOSPORT, JUNE 0, 1989



droplet and Donohue still further back, dark blue. Bobby's Lola was suffering from an unsuspected mistake in the suspension set-up, while on theirs the Penske crew had gambled on the weather's turning hot and made a last-munte jetting change on the turbo Offy, which had saddled Mark with a great flat spot. On this second lap Bruce Walkup (Gerhardt-Offy) broke his gearbox, retining perforce, Jack Brabham pulled into the pits with very duff ignition, and the Offy engine in Billy Vukovich's Shrike was about to lose a rod.

After five laps Foyt passed Andretti to retake the lead, and on lap 10 McCluskev eased by as well. The race attention was on this trio, still nose to tail, but back in the field Gary Besteinhausen was forcing has Gerhardt-Offy through, passing Unser on the 14th lap into fourth place about 3 sees back. Gordon Johncock pitted for half a minute to change a tyre on his Gerhardt-Offy, Ronnie Bucknum's Eagle-Offy suffered a broken piston, Johnny Ruthorford came in to change his Eagle-Offy's radiator, and Art Pollard retired the STP-Offy (née Lotus turbine wedge) with transmission trouble.

At 20 laps, one-tenth distance, Foyt led his team-mate McCluskey and Andretti, and Bettenhausen was holding off Uenser; Lloyd Ruby (Mongoose-Offy), Joe Leonard (Eagle-Ford) and Wally Dallenbach (Eagle-Offy) were squabbling over sixth place, while Donohue in math spot was losing ground to Dan Gurney, whose stock block Eagle-Ford was about 30 sees behind Foyt.

After 23 laps Unser gave up struggling and came in to have a tyre changed and the suspension adjusted. Instants later a car streaked down the straight with flames pouring from the engine; it was Jim McElreath's Hawk-Offy The engine had exploded, taking a fuel line with it Jim brought it all to a careful half against the wall of Turn 1 and, as fire crews descended with their clouds of white powder, he strode away without a backward glance.

The yellow light was on for six laps, more or less allowing the field to close up—happily, these cars geared for this circuit must be kept up to a speed no "pace car" can match, so the drivers themselves can decide what is safe for them. During this period George Follmer's Cheetah-Ford quietly died.

The green was out again when on lap 34 Bettenhausen's Offenhauser broke a piston; his Gerhardt spun, nudging the wail but finishing on the grassy infield out of the way, so no yellow was needed

Still the pace was being set by the leading trio, closed up tight and drawing every eye. Mario said later that he, at least, had a little more in hand but was driving on his temperature gauges, holding the water to 220 and the oil to 240 deg F. He slid past McCluskey briefly on the 46th lap, but they were all so close that the nominal leader was a meaning-less formality—except for the \$150 A. J. was earning each lap!

Peter Revson's put stop was the signal for quarter-distance. The Repco in his Brabham, like several other engines, had been set too rich for the day and, in addition to not pulling the last 500 rpm, it was guzzling fuel, so he brought it in a bit early while the Brabham mechanics were still feverishly changing Jack's transistors to try to cure his ignition dramas. Yarbrough too came in, but overshot, so he had to go out and make another lap, and then on lap 49 McCinskey's was the first Coyote to stop. Foyt and Andretti hing on for two more tours, then together broke out of the groove and simultaneously dived for their pits. Thousands of stopwatches chicked, and Foyt was away after 28 sees, but Andretti lingered for an agonismg 43. ("We wanted to be careful and not spill any.")

All this left Lloyd Ruby in the lead for a lap until his own stop (23 secs), and Wally Dallenbach in his turn inherited first. Donohue's Penske stop took 29 secs, while the AAR boys got Gurney out agam in a rousing



Some of the early leaders set their cars up for Turn 1: Roger McCluskey (Coyote) leads Andrett s Hawk, last year's winner Bobby Unser in the 4wd Lola, and Lloyd Ruby, who had started on row 7 in his Mongoose, with Joe Leonard (Eagle) giving chase.



Peter Revson qualified the second Brabham-Repco at 160.851 mph, the slowest qualifying speed, but an excellent drive on race day was rewarded with sixth place despite high fuel consumption



The battle between Andretti'z Hawk and A. J. Foyt in the Coyote raged until they made their first pitstops on lap 51, with Foyt always just in the lead

Dallenbach lingered, enjoying his lead until lap 60, at which point Foyt had a lead of some 18 secs from Andretti and Ruby, who were close together and pushing each other. A. J., however, was suddenly in trouble and slowing. Inexorably he began losing over a second per lap. As Brabham got going and rejoined to great applause, he briefly formed a 200 mph sandwich with Ruby and Andretti, who were squeezing up on Foyt's tail. On lap 79 Ruby took his fellow Texan and, as so many times in the past, led the Indy 500

Foyt rapidly lost sight of the Mongoose and the Hawk chasing it; his pit got ready for a stop, but he waited until lap \$3 before dropping in. The team's first thought was that the turbocharger's "waste gate" had jammed in the partially open position, as it had during A. J.'s qualifying runs, and they attacked this first and sent him out again, but the power was still down. During his second stop someone noticed that the intake manifold itself had a hole where a pressure-sensing line to the waste gate tapped off, and there was nothing for it but to get out the welding gear.

After 86 laps Andretti passed Ruby for the

lead, and at this point in third place Joe Leonard's Eague led those of Dallenbach, Denny Hulme who had moved up nicely, and Gurney. Next moment Arnie Knepper suffered a suspension breakage which hurled his Morris-Ford nose first into the Turn 4 wall and strewed debris all over the track. During the ensuing eight laps of yellow light Dallenbuch had some kind of moment in Turn 3 and found his clutch inoperative, so he had to pask the Eagle right there

At the 100 lap mark, half-distance, Andretti and Ruby were haring around nose to tail, Leonard was keeping them in sight, Gurney had passed his team-mate Hulme for fourth, Mike Mosley (Watson-Offy) was sixth and Donohue was a distant seventh, three laps down. On lap 101 Leonard made his second stop, taking 51 secs, and on 103 Andretti made his (37 secs), leaving Ruby all alone a lap ahead of eveyone. After 106 laps Lloyd duly stopped and took aboard a full load, but then, in his own words, "I just took off too soon, before they uncoupled the hose." His crew chief said, "If it were anybody else the hose would've pulled loose, but for us the damn filler tore out of the tank!" Gushing raw methanol from an open wound, the car had to be retired, the third time poor Ruby has had to quit while leading the race.

Had the race stopped then it would have been just as well. All Andretti had to do now was drive another 235 miles, preserving his 23 secs' advantage over Leonard, the only car on the same lap. Gurney and Hulme were still in company ahead of McCluskey, Mosley, Dono-hue, Unser, Bobby Johns (Laycock-Offy), and Mel Kenyon's Gerhardt-Offy. Foyt rejoined a total of 25 laps behind, and Brabham was noing regularly about 80 behind, although his oll pressure was dropping and his temperature needles rising. Donohue was struggling round unhappily with the over-rich engine, which would not respond at all when he asked # for power coming out of the turns. As in the Group 4 race at Daytona in February, he was suffering for making a last-minute change without testing.

Roger McCluskey was back into his stride, and overwhelmed Hulme and then Gumey to regain third place, although Dan bung on and refused to let him get away. On lapofficials spotted that Leonard's gold Eagle was spewing water and black-flagged him. A tiny bit of someone's discarded Jubilee clip had got into the extremely low nose intake and punctured the radiator, and cost him 15 laps while Smokey Yunick's crew changed it.

McCluskey pitted for fuel on lap 133, lenving Gurney and Hulme second and third one lap behind. Brabham finally called it a day with a sick engine after the leader's 139th lap and his 58th. When replacing the transistor ignition, he said, there had been "no way" to time the sparks other than by guesa.

Denny put on a sport and passed Dan into second place, getting a signal to stop for fuel in four laps. He came in after only one of those four, raying the handling was going funny. The right front Goodyear was changed, add-

ing one more to a list of Goodyear tyres that had been changed during the race-Unser, Foyt, Mosley, Johncock, all found a prob-iem with tyres. Then, as Hulme tried to accelcente away, he found that for many miles past the clutch cylinder had been leaking out its fluid. Without being able to slip the clutch there was no chance of getting the very peaky turbo Ford away. He tried once or twice, but there was "no way" to avoid retirement.

Mario came in for his third fuel stop on lap 152, taking an unhurned 41 secs and rejoining still a comfortable feador, lapping in around 56 sucs. McCluskey, now fourth behind Mostey, was gradually losing power. There was apparently no pressure going to the Ford's engine, and after 156 laps a stop showed why a gaping hole burned in the plumbing Mosley too was shortly in trouble; a piston was breaking up inside the Offy, and the cur began smoking hoavily. Eventually it stopped and Mike pushed it into the pits. This left Donohue third, rather a poor third, thought Mark, although Penske was pleased, but it was in any case a short-lived position as the Offy's magneto went bad and the sputtering and banging Lola came in for a replacement on Jap 175.

Gurney thundered by his pit with the Eagle beginning to smoke, and gesturing back to-ward the engine. Andretti was signalled "Gurney sour," but in fact Dan later and that it was not the engine at all but another probsem A secret problem. Yet another problem was Bobby Unser, who had made his way into third spot now and saw Gurney 20 sees ahead, and 20 laps left in the race-but as it turned out he could only manage to min half a second a lan

Donohue rejoined on the leader's 196th lap, and Revson brought the surviving, and very thesty, Brabham in for a top-up on the 191st

Phots know the phenomenon of "automatic rough" when the engine seems to make funny noises whenever there is no place below to land, and surely Andretti must have heard funny noises. But it all held together, so perhaps FORD does mean First On Race Day, athe PR guys like to say. The turbocharged Ford engine before this day had a dodgy reputation, but it won the race it was made for The excess fuel consumption proved to be just a story, and Andy Granatelli beat the race queen to be first to kins Mario Andrett.

### Indiananolle Mit Milan, May 10

- Mario Andretti (Hawk-turba-Ford), 3 h 11 m 14.71 s, 156 967 mph (race recent). Den Gurney (Engle-Ford steck block), 200 sps
- Bobby Unser (Loss-Surbe-Olly T152 4wd), 200
- aps Mei Kenyon (Gerhardt-turbo-Offy), 200 leps Jos Leonard (Eagle-turbe-Ford), 194 laps Pater Rayson (Brabham-Repos BT25), 192

turbo-Offy), 154, engine; 16, George Snider Coyote-turbo-Ford), 153, etili running; 17, Sonny Ates (Haynoe-turbo-Offy), 145, engine; 18, Denny Hutime (Eagle-turbo-Ford), 145, chutch; 18, Gorden Johncook (Gerhard-turbo-Offy), 195, broken Hell cap; 21, Wally Da lenhach (Eagle-turbo-Offy), 22, crashed; 23, Leefby Yarbrough (Eagle-turbo-Offy), 22, crashed; 23, Leefby Yarbrough (Eagle-turbo-Offy), 32, crashed; 23, Leefby Yarbrough (Eagle-turbo-Offy), 50, clutch, 22, Amie Knepper (Morris-turbo-Ford), 22, crashed; 23, Leefby Yarbrough (Eagle-turbo-Offy), 50, clutch, 20, Gary Bettenhausen (Gerhard-turbo-Offy), 50, clutch, 20, Gary Bettenhausen (Gerhard-turbo-Offy), 50, clutch, 20, Gary Bettenhausen (Gerhard-turbo-Offy), 24, caught fire; 29, Johnny Rutherford (Eagle-turbo-Offy), 24, radiator; 30, Rennis Buck num (Eagle-turbo-Offy), 18, platon, 31, Art Feagle-turbo-Offy), 24, radiator; 30, Rennis Buck num (Eagle-turbo-Offy), 19, platon, 31, Art Feagle-turbo-Offy), 19, platon, 31, Art Feagle-turbo-Offy), 7, transmas.on; 32, 31 y Vakovich (Shrike-turbo-Offy), 5, con red; 33 Bruce Walkup (Gerhard-turbo-Offy), 1, geerbox. Statistive: Andratti leef for 116 of 200 lans Fest for 68, Ruby for 11, Dellenbach for 7. This is the tent time the lindy winner has started from second pole position. The Sint rookle home was Hevson, who finished sixth, Andratt used Firestone tyres, Autolite plugs, American etc.

## CanAm 1: Guess who?

Bruce McLaren wins at Mosport shadowed by Denny Hulme in the new works McLaren M8Bs — John Surtees (McLaren M12) leads race but slows with overheating, still finishes on same lap — Dan Gurney retires the McLeagle after opic chase — Strong performance by John Cordts in obsolete McLaren

Story and pictures by PETE LYONS

ITH the weather as the only encertainty the renging CarAm domineers Bruce MeLaren and Denny Huline in the M8Bs launched another series in the right way last Sunday, finishing scarcely a car's length apart after a 197-mile run round the Mespert track in Ontario. During the early stages John Surtees, in a Chapartal-entered McLaren M12, and Dan Garney (M6B) staged a tremendous show, the former forging ahead to lead for several laps while, during the middle of the race, the latter was right on the leaders' tails, all stops pulled. Lother Motschenbacher was well in the running until his hastily assembled M12 began to fail, and Chuck Parsons (Lola T162) struggled manfully throughout the dry race on rain tyres. On the last lap one of these deflated, letting through into fourth place John Cordts' M1C, by far the best driven and propared of the "obsolute flact."

CHARITY

WO days after the USA's most glamorous sangle race, our most glamorous race series blasted off the Moaport grid. For this, its fourth year, the CanAm Series offers more races, more prize points and more money. This last is most important, for of all the grurabling about expense one nears in racing the loudest grumblers are sports car owners. Some familiar supporters are missing and may or may not rejoin when they see how things develop, while date conflicts with other organisms bodies cause more dropouts. There are cries that the basic formula is too difficult and there ought to be imposed some kind of limit on the essentially formule libre. To this the SCCA's Jim Kaser says, "The CanAm is now getting to be just what we envisioned, a really tough series for professionals."

Self-evidently, some professionals can manage to take part. Holding most of the marbles at Mosport were the Kiwis. For 1969 the McLaren team have levelled off the wholesale escalation of Group 7 design that has been the really outstanding feature of the last three years. Their M8B is a very knowledgeably refined version of last year's car, actually the old bulkheads re-skinned, with the same thinking in suspension, drive train and so on, and subtle alterations to the aerodynamics caused partly by the adoption of fixed position aerofoils mounted on the rear suspension. Their new engine man is George Bolthoff, an American formerly with Traco, and his work on these first engines of the series has been along the lines of simplifying some of Gary Knutsen's herdware. After the first race he was to disappear back to Colinbrook, leaving the team five engines to race while he brewed up something new Bruce has remarked that there ought to be a full 300 horses larking within the aluminium Chevy.

Going private seems to mean buying last

Going private seems to mean buying last year's McLaren. This year's for-sale car is called the M12 and is essentially an M6B with M8A suspension pieces and aerodynamics. Fastest of these at Mosport was the white one bought by Chaparral Cars as a backup for John Surices while the newest Chaparral gets sorted Nothing of automatic transmissions or wings here, this is a McLaren being that as a McLaren, although it does have a Chaparral engine. Another M12 is run by Lothar Motschenbacher, with a Motschenbacher Racing Enterprises aluminium Chevy, and a third by the young Canadian George Eaton with an

ongine identical to the last year's M8A. All three of these M12s had just been received within the previous week and had hardly turned a wheel before; Eaton, in fact, had never driven his until the morning of the race.

All American Racers, let down severely by FoMoCo's decision not to run the CanAm put together the Lightweight M6B "McLoagle" with a 5-5-litre Gumey-Eagle engine and added two wings, the front one chassismounted and the rear riding the suspension. After pracetising with them, it was found that the rubber bushings at the tops of the uprights were of too soft a compound, allowing metal-to-metal contact. Rather than risk losing a wing in the race, Phil Remington decided to remove them altogether, and the holes in the body were neatly covered over.

body were neatly covered over.

The sole current-generation Lola was the T162 entered by Haas for Chuck Parsons It

was very n.cely prepared, and Parsons was pleased with it, particularly with the Chaparral engine which was giving him 40 more bhp than he'd ever had

Peter Revson turned up with the Agapion Bros to drive their entry of the Ford Kar Kraft built for the 1967 series on a Mk 4 Le Mans chassis. There are actually two such machines, and Mario Andretti has been testing one, although Ferrari and perhaps some others think their have him Somehow the Agapion brothers have some of the aluminium Ford engines that were withdrawn from the other Ford devotees at the end of last year, although they don't seem to be getting much mood from their fortune. Andretti blew up a 77-bite version in testing at Indianapolis Raceway Park, and the regular 7-bite in Revson's at Mosport scarcely turned a lap, so there was really no point in starting the

One more non-starter of interest was the McKee with turbocharged Oldsmobile engine practised by Joe Leonard, it was taken home the day before the race. John Cannon has concluded an agreement with the owner of an M6B and an iron-block 7-htre Ford, but the combination was far from ready; as John gloomed, "The main trouble is there aren't ten days in the week," and he could not manage to get two laps together during the cathre weekend.



Bruce McLaren was able to stage a very satisfying nose-to-tail one-two with his number 2 Denny Hulme in the first of the 11 1969 CanAms.



ACE day threatened to be cold and wet Once it did actually start to rain, causing everyone to scurry around sorting out their rain tyres, bubble shields, anti-mist sprays, etc, etc, and right up until race time the issue was in doubt. In the last minutes nearly everyone decided to gamble on dry weather but Basi Forth Storm Int. Publish, bulled for

Hulme's car was changed from one pattern of dry Goodyear to another of softer compound, and Surtees switched from an intermediate R125 Firestone to the softer of the two dry casings available. His M12 rear sus-pension had just been put back together with some washers welded onto the bracket which unites the lower rear radius rod to the suspension upright; a weaving that had developed

Make Strains covered in the other two M12s as well Gurney's engine was giving some worry, for water was found in one of the cylinders, but there was no time left to lift the heads

and Telephone

Grid positions	
Hulme	MoLaren
McLaren	MoLaren
Lola	Mc∟aren
1 m 21 s	1 m 20 s
Gurney	Motschenbacher
McLaren	McLaren
1 m 23 9 s	1 m 21 s
1 m 26 s	1 m 24.2 s
Faustina (	Kovelesk
Lola	McLaren
1 m 31.8 s	I m 31.3 s
Nagel	Droisom
Lola	Loia
1 m 32 5 s	1 m 32.5 s
Crawford	Galloway
McLaren	McLaren
1 m 33.6 \$	1 m 32,9 s
Terrell	Dutton
Lota	Lova
1 m 37.4 s	1 m 34.2 s
Janke	McCarg
McLaren	McLaren
1 m 41.9 s	1 m 41.5 s
Sir.	835.
27.00	1500

In a tremendous roar the brightly coloured cars poured into the long downhill first turn, McLaren darting ahead and Surtees and Par-

matte gittima Peri, beile bern, and in

they had swooped down to the far end of the circuit and back up the long rising return straight, around the tight 90 deg final turn and believed along the short pit straight, with McLaren leading from Surtees, Parsons,

By wine plan right at the back Cannon brought his newer one in to retire.

Lap 2 and Surtees was right up pressing McLaren and leaving a slight gap back to

Opposite: The first corner on the first lap, and the top five are already pulling away from the rest of the field. Poleman McLaren leads Hulme, Surtees, Parsons, Gurney and Motschenbacher.



Chuck Parsons' Lola T162, the only truly competitive non-McLaren in the race, leads Denny Hulme's winged works M8B, Gurney's M6B and Lothar Motschenbacher in a new M12, or updated M6B (above). Dan Gurney corrects a slide in the underpowered McLaren M6B which he kept up with the leaders until forced out with suspension trouble (below).





On lap 4 John Surtees took the white Chaparral-engined McLaren M12 into the lead past McLaren, but sadly his challenge to Kiwl CanAm control failed when the car bearn to overheat.

Hulme, just overtaking Parsons. Next lap Gurney also got by as Parsons began to go into great loose slides on his rain tyres. Eaton was forging up from the back in his powerful M12 and was already closing up on Cordts. At the end of lap 4 Surtees had the lead by inches, lost it next time, took it back again for lap 6. This was a really exciting show, and Hulme and Gurney were moving up to join in, with Motschenbacher in their mirrors All the big-bodied sports cars were jumping and darting about, lifting their flat noses under acceleration, blowing up dust from the verges and shaking the air almost physically; it was precisely what CanAm racing is all about.

Parsons was driving as hard as he could, sliding the big orange Lola right up to the edges, but he fell back inexorably to begin a long battle with Cordts. Eaton was storming up enthusiastically but the new car was erratic on new dampers and twice he spun off; "First plain bad driving!" he said cheerfully later Visiting the pits twice to check for damage and to clear a fouled throttle linkage dropped

him well back.

After eight or 10 laps Surtees saw his temperature gauges begin to rise. Inasmuch as the original plan had been to finish, and now that the durability of his suspension was suspect, he began to ease off, letting McLaren go. Gurney was forcing really hard and got by Hulme on lap 8 into third place. At the lap 14 mark he passed Surfees into second, but Bruce saw him coming and responded with a lap at 1 m 20.6 s, a new record. However, on lap 20, quarter-distance, he lapped Parsons with Gurney's little McLeagle right on his tail; then there was a short gap to Surtees, just staving off Hulme, while Mot-schenbacher hung on close behind in fifth. Five laps later, Hulme took a breath and

turned up the wick. He went by Surtees and suddenly was looming in Gurney's mirror. On lap 27 he powered by, and his momentum carried him right up to McLaren and by into the lead on lap 30 For Gurney things were now twice as grim. Driving very hard indeed he was able to lap as fast as 1:21.1, forcing the underpowered machine by sheer willpower around the curves and using full throttle sooner and longer than seemed possible. The big winged orange cars ahead seemed to hang back to tantalise him, and now that Bruce was once again in the lead he refused to let gaps develop in traffic, easing whenever it happened to let Denny stay with him

At half distance they had all just lapped Motschenbacher as he slowed with chrtch trouble and low oil pressure Gurney was a consistent 2 sees behind Hulme, while Surtees was all alone some 30 secs further back. Next time around, Lothar called it quits before the engine was damaged, leaving fifth to Parsons

and sixth to Cordts.

On lap 44 Bruce succumbed to temptation and lapped at 1:19.5, another record and the fastest lap of the race. For Gurney it was just about all over, for the bottom of the right rear upright casting was breaking up, and at 49 laps he retired the car after the stirring drive that, with Surtees', made the race. Now the Kiwis settled down to reel off demonstration laps, swapping positions with ease and playing with each other at 160 mph on the back straight.

After I hour 53 mins 27 secs, an average of 105.3 mph, Bruce and Denny staged a nose-to-tail finish. Surtees, still driving on his temperature gauges and being very gentle with torque application, came home a minute later. Parsons was due next, but on the very final lap his left rear tyre, which he had been feeling going soft for five laps, deflated completely at Moss hairpin, throwing him into the dist there. He limped around slowly, trailing clouds of rubber smoke, and could do nothing to prevent Cordt's strongly driven McLaren from overtaking him.

In two weeks time the Labatt brewery sponsors their second CanAm at the lovely St Jovate circuit in Quebec. There is just a chance, says Surfees, that a new Chaparral will be ready, and Bill Gavin, who claims to be managing Chris Amon's CanAm effort, says that one Ferrari is ready. In any case, those who just had no time to be prepared for the first round will be burning the midright oil. It may be true that the works Mc-Larens are on a plateau above all the rest, but plenty of people still have the spirit to see.

### Labott's Dive Trophy Mosport Park, June 1 CanAm Series round 1 80 Japa, 187 miles

1, Druce McLaren (McLaren-Chevrotet MRB),
1 h 51 m 27.3 s, 105 901 mph
2, Dermy Hulme (McLaren-Chevrotet MBB),
1 h 51 m 28 2 s
3, John Surtees (McLaren-Chevrotet M12),
1 h 52 m 23 s
4, John Gordts McLaren-Chevrotet M10), 76
apps

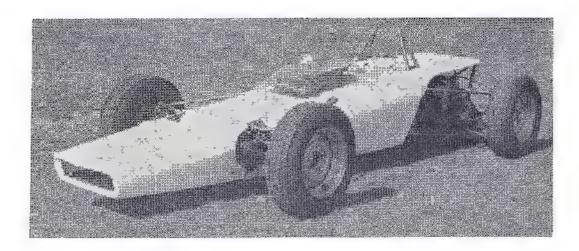
chuck Parsons (Lola-Chevrolet T162), 76; Jacques Coutura (MoLaren-Chevro et M1C),

7, Oscar Koveleski (McLaren-Chewrolet M6B),

f, Ospar Koveleski (McLaren-Chevrolet M6B), 73
8, Rich Galloway (McLaren-Chevrolet M6B), 70; 0, George Eaten (McLaren-Chevrolet M1B), 70; 10, Leonard Janke (McLaren-Chevrolet M1B), 68, 11, Tom Dutton (Lola-Chevrolet T70 Mk 3), 67
Retirements: George Drosom (Lola-Chevrolet T70 Mk 3), 59; Dan Gurney (McLaren-Ford M6B)
49 Richard Brown (McLaren-Chevrolet M6B), 46, Lothar Motschenbacher (McLaren-Eord M12), 41, Len Faustina (Lola-Chevrolet T70 Mk 2), 41Tom Terrell (Lola-Chevrolet T70 Mk 2), 41Tom Terrell (Lola-Chevrolet T70 Mk 3), 29
Jerry Crawford (McLaren-Chevrolet MxC), 5, Bob Nagel (Lola-Chevrolet T70 Mk 3), 11, Frank Kahlich (McLaren-Chevrolet MXC), 5, Bob Nagel (Lola-Chevrolet T70 Mk 3), 3; John Cannon (McLaren-Chevrolet M6B)
Fastest Iap: McLaren, 1 m 15,5 s, 111.25 mph (record).

AUTOSPORT, JUNE 6, 1989

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When David Hepworth made his championship climb in his 4wd car it was a trifle damp, but he still got under 30 secs to take another 10 pts.

### Records fall at Barbon

By CHRIS MASON

AST Saturday, the Westmorland MC's round in the Shell/RAC Hillelimb Championship at Barbon Manor was held in very m'xed weather conditions, which curtailed the championship runs. David Hepworth in the 4wd Hepworth-Traco, desprte complaining bitterly of the rough state of the course, was convincingly fastest in wet and dry conditions, mashing Peter Westbury's five-year-old course record in the 4wd Ferguson of 27.174 s with a time of 26.78

Practice in the morning was held in the wet, but by the tame the first runs commenced the sun was shaing and the course virtually dry. The very first run of the meeting, in the special series touring class, almost produced a class record when Nick Porter in his 1328 cc Cooper S was only 0.01 sec outside his own time of 32.08. He bettered this on his second run with a record 31 77, and was well clear of John Busfield (Cooper S, 34.02) and David Smith (Escort 1600 GT, 35.05). The Marque Y class up to 2200 cc (the larger class being amalgamated with the special GTs) produced an Blan Plus 2 sandwich, Anthony Crowther's example (33.48) narrowly defeating the 1.3 Flying Wheel Sprite of Fred Whitaker on both runs (33.76), with Julie Warburton's Lotus third (37.15).

The special saloons and GTs were divided at 1300 cc and the small class went, along with the class record, to the shricking TI-injected blown MiniSprint of Jeff Goodliff (30.58) from a very game Rodney Briggs, the previous record holder, in his more orthodox Cooper S, who managed 31.08, also under the record. Another class record went when Jack Maurice in the howling ex-Fry/Skailes LM Ferrari climbed in 30.71, convincingly defeating Mike Wright's familiar E-type (31.66) and Spotty Smith in the viciously snaking Tuscan (31.79)

Maggie Blankstone, driving exceptionally neatly in her Ginetta G12 t/c, had a very popular win, and set another record, in the hardfought small sports-racing class. Her 30 69 finally prevailed over Gerry Tyack (Ginetta G16A, 31.19) and Bob Prest (Lotus-Holbay 7, 31 83). The larger drivisions should have been a needle-match between Phil Scragg and David Good, but gear-selection troubles made the Chevron B8 a non-starter and Scragg ran with the large single-seators. The vintage and PVT classes, divided at 1500 ec, gave wins to Derek Edwards' evergreen Aston Martin Ulster (40.53) and the 2-litre model of the same

marque driven by Geoff Bishop (36.45). Edwards only narrowly defeated Roger Newton's Meadows-engined HRG (40.91), which unfortunately had a moment at the hampin on its second run

Since there were no 1100 cc racing cars completing, the 1600 cars came next. On the first runs Chris Court in his ex-Griffiths Brabham BT21A t/c set a new class record of 28.40, but Sir Nick Williamson in his BT21C amproved to 28.11 on his very neat second run, whereas Court was slower. Both were well ahead of Tom Ciapham in his Chevron-Vegantune B9 t/c (31.01), last year's Sports Motors spare F3 chassis.

Roy Lane in the TechCraft (27.20) and Jimmy Johnstone in Lane's old Brabham BT14 (28 11) renewed their conflict in the big class, but were split by Phil Soragg in the Lola T70L (27.82), who was going even faster on his second run until he went straight on at the hairpin, damaging his steering on the wall, and thus putting him out of the championships runs—a pity, for Scragg was third at Barbon in 1967 and 1968. Mike MacDowel in the BT40X-Chimax (28 46), which has been partially cured of its plug troubles by fitting softer plugs, was next but Clive Oakley was not fax away in the Cooper-Daimler T87 (28 60)

Both Hepworth and John Custins in the

BRM broke the course record and earned Barbon Gold Stars in the 4wd class with times of 26.78 and 26.97 respectively, with Peter Blankstone in the Chas/Beattie-built Brabham Oldsmobile BT21 taking the class award with a calm 28.45

After Guy Smith had won the poorly-supported historic racing car class in his Frazer-Nash-Alvis, the stage was set for some really blistering times in the championship runs. However, just before Bob Jennings, tenth qualifier in the BT30X, came to the line the heavens opened and times went up by over 5 secs in most cases. Jennings managed 35.94, followed by Oakley who, despite going wide at the hairpin, recorded 34.11. After Mac-Dowel (33.3) came a cautious Blankstone, benefiting from 4wd (32.37), while Court dropped right down to ninth (34.74). Williamson, weaving as he crossed the finish line, did an inspired 32.37 which put him up with the 4wd brigade and equal to Blankstone. Lane defeated Johnstone again, with 32.71 against 33.11, and then come Cussins. But his well-controlled 31.47 was not good enough, for Hepworth, in a slightly hasry but immensely swift run, recorded 29.33, a phenomenal performance in the conditions which put everyone in the shade.

It rained even harder before Jennings motor-boated up in 44.47, and with streams of water on the hill at an impromptu drivers' meeting it was decided to settle the champion ship points on only one run, and thus the meeting dripped to an untimely end

BTD 1, D Negworth (4.5 Repworth-Oldsmob.ie FF 4wd V8), 25.78 (outright hill record); 2, J. R. Cussime (2.1 BRM T67 FF 4wd V8), 25.7 s, 3, R, T. Lane (3.5 CechCraft-Bujick V8), 27.20 s, 4, € F. Scragg (4.7 Lote-Ford T70L V8), 27.82 s,

E. P. Soragg (4.7 Lota-Ford T70L VB), 27.82 e.

Cines winners; N. Porter (1.33 Mini-Cooper S),
31.77 e. (record), A. E. Crowther (1.6 Lotus Elan
Plus 2), 33.48 e; J. W. Goodkif (1.3 M. nr.Sprint
GT 6/c), 30.58 e. (record); J. Maurine (3.3 Ferrari 275 LM), 30.71 e. (record), Mrs. M. A. Blankatone (1.6 Ginetta-Ford G12 t/c), 30.69 e. (record); D. Edwards (1.5 Aston Martin), 36.45 e. Gr.
G. C. Bishop (2.0 Aston Martin), 36.45 e. Gr.
N. Williamson (1.8 Brabham-Ford BT21C t/c),
28.11 e. (record); J. Johnstone (3.5 Brabham
Burck BT14 V8), 28.11 e.; P. A. Blankstone (4.5 Brabham-Oldamobus BT21 4wd V8), 28.45 e; G.
Smith (3.5 Frazer-Nesth Alv.s), 34.12 e.

### Stati | ### AC | Hittellimb Champloneists | round 6 |
1, Hepworth 29 33 | 2; Cussins, 31.47 | 8; 3 |
Williamson, 32.37 | 8; 4. Blankstone, 32.37 | 8; 5, Lane, 32.71 | 9; 8, Johnstone, 33.11 | 8; 7, M. G. H. MacDowel (2.0 Brabham-Climax BT 30X V8), 33.32 | 8; 6. C. Oakley (2.5 Cooper-Dalmfor T87 | Y8), 34.11 | 6; 8, C. B. Court (1.6 Brabham-Ford BT21A 1/c), 34.74 | 8; 10, A. D. Jennings (2.0 Brabham Climax BT30X V8), 35.94 | 8.

NB Williamson s and Brankstone's placings were decided by the toes of a consince no escond run could settle the dis

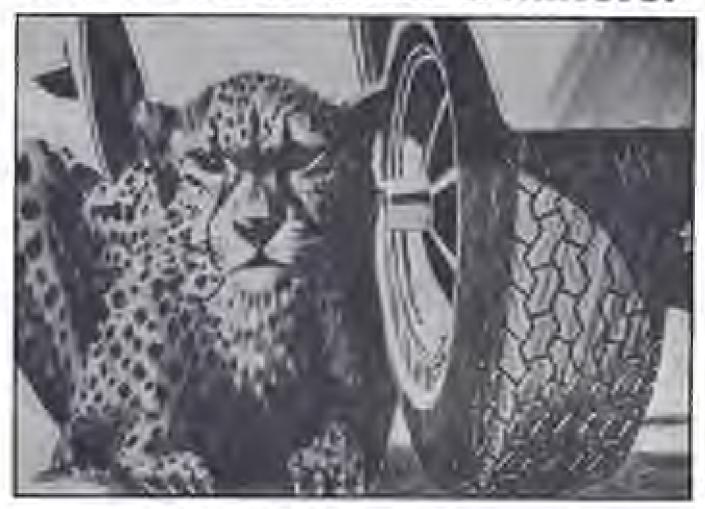
Current championahlp positions
1, Hepworth, 3B pts; 2, Wilkemson, 31; 3, Lane
and Cuseins, 28, 5, Johnstone, 25, 9, MacCowel,
13, 7, P. B ankstone, 8; 8, Good and Court, 7;
10, Scragg, 8.



Mike MacDowel in the Climax FWM-powered Brabham BT30X finished ahead of Oakley, Court and codriver Jennings in seventh spot.



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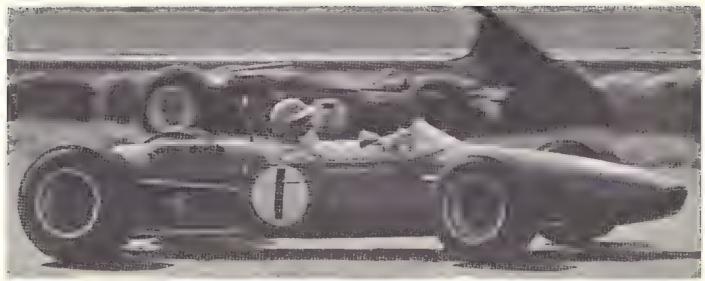
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tyre. TOTAL TYRE PERFORMANCE: Raw speed, brute strength, cat-like response –

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GOOD FYEAR

Dotadinus shealer, from:



Tommy Reid, who equalled John Pollock's lap record in Mick Mooney's Brabham-FVA BT23, comes out of the hairpin past Damien Magee's abandoned Cooper t/c, which hit the crash barrier

### Disappointing Kirkistown

Sy BEATTY CRAWFORD

HE 500 MRCI received their biggest entry of the season for their third meeting at Kirkistown last Saturday, and were blessed with one of the sunniest days of the year. This should have added up to an afternoon's exciting racing, but somehow these expectations were not fulfilled, mainly due to non-starters and retirements.

As usual the proceedings started with combined scratch races for club specials and clubmen's cars. After the suspension broke on Hammy Bleming's HBR at Colonial on the first lap, only seven cars contested the race, and Wilson Nicholl's Lotus 18-based Impala Special quickly took control of the specials class and was an easy winner from David Dempster's Kieft Impala. However, there was a good battle between Michael Martin's L.6 U2 and Richard Young's 1.5 U2; Martin took the lead initially, but on lap 7 Young nipped past going into the harpin, only to be relegated again before Colonial. By this time Nelson Todd (1.5 U2) had retired. Young tried in vain to catch Martin in the remaining three laps, but failed by 1.6 secs

The first saloon race was much more excitmg. The 900 cc class, consisting solely of Imps, started I min shead of the others, and this was a race of surprises as two relative newcomers, Jackie Patterson and David McGranahan, scored convincing wins In the timp class Paddy Speers took the lead from the second row of the gnd with a beautifully judged start and was never headed, although Robert Francy hung on well to finish 6 sees hehind in second spot, Jimmy Fitzsummons gave a display of three-wheeling but couldn't get in contact with the leaders. Andrew Kane and Eddie Bleming were expected to dominate the 1000 or class, but McGranahan, driving the ex Joe Greenan Janspeed Mini, showed them both a clean pair of heels after taking the lead on lap 2. David Lindsay's Anglia neld second spot until retiring on the seventh tap, leaving the place to Kane. Jackie Patterwin (1.3 Cooper S) drové a splendid race to win the race and his class by II sees from Jun McClements (I 3 Riley Eth). Alec Poole held second place for the first couple of laps his eight-ported, fuel-injected 1.3 with Cooper, but stopped to change plugs on lap 3. Despite receiving a nudge at Colonial on the first lap which severely modeled the front wing of his Wolseley Hornet, Eddie Regan stildiered on and took third place 9 sees behind McClements Larry Mulligan (1.6 Ford Anglia) was the only starter in the over 1300 cc category but drove a good race to finish second overall.

A good field contested the Formula Ford race, but again there was a surprise as John Smith ran away from everyone in his homebuilt car and won by 7 secs from Patsy McGarrity's Merlyn. McGarrity was on pole, but Smith was leading by the end of the first lap and held it to the finish. McGarrity annexed second place and Jackie Davidson, now fully recovered from his nasty Bishops-court prang, held a safe third in his Crosslé. The only excitement was provided by the dice for the lower placings. Dave Furlong, who hadn't practised due to trailer failure on the way to the circuit, started from the back of the grid but quickly moved up into fourth place, but he spine his chances away at the hairpin on the eighth lap. Crawford Harkness, also in a Lotus 61, retired on the second lap.

The prod sports race was sponsored by Leslie Porter Ltd, of whom Archie Phillips, the present "King" of Irish sports car racing in Ireland is managing director. Phillips himself didn't qualify for the main award, al-though he competed to gain points for the yearly championship. Into the lead went Harold McGarnty and Phillips himself, both in MG Midgets, with Derek McMahon leading the over 1500 cc class in his MGB and filling sixth place. Phillips not only provided the lolly for the race but most of the excitement, for he and McGarnty passed and repassed for the first half of the 15-lap race. However, Phillips then became tired of the game and pulled ahead to win by a comfortable 7 secs from McGarnty

Jim McClements (MG) gained third place, but only after a long battle with Eric Scott's Midget. Scott tried a little too hard at the hairpin and rpun, but continued without lowing a place. Harold Hagan (MG Midget), Mc-Mahon and Norman Conn (MGB) had a good dice for fifth position, although Mc-Mahon's car sounded very sick.

A new lan record was expected in the meing car race, and Tommy Reid did manage to equal John Pollock's time of 57.8 secs. John Pollock's Team Ireland Letus-FVA 48 took the lead, followed closely by Tommy Reid in Mick Mooney's Brabham-FVA BT23, John Watson held third spot close behind in his

twin-cam Lola, and he was hounded by Brian Neison's Lola. Pollock's car began to emit # smoke screen and came m: the trouble was found to be a faulty oil filter O-ring, and no serious damage had been caused. Reid now had the lead, and the battle for second place octween Nelson and Watson was resolved on ap 9 when Watson spun at Colonial. Damien Magee modified the front of Luke Duffy's Cooper when he crashed headlong into the infamous crash barrier at the bairpin.

Three handicaps races finished the day's racing. In the first scratchman John Burke caught everyone in his long-toothed 5½-litre LR special; second was Owen North in the ex-Archie Phillips MGB, ahead of C. J. Ward in m TR3.

Jim Graham (Angha) made good use of his 30 secs' advantage to win the second handi-cap from Brian Edgar's FF Lotus, with David Lindsay in third place in his 1100 Ford Angha

The final handicap saw all the fast men in action again. John Pollock's O-ring had been repaired and he was on scratch, while Tommy Reid elected to drive Mick Mooney's FVA car rather than his own twin-cam Brabham and was also on scratch. However, despite beating Reid by 5.6 secs and equalling his own and Reid's lap record, Pollock could only finish fourth behind Michael Mooney, the limit man in his FF Lotus, Ken Fildes in Luke Duffy's Lotus t/c and Brian Nel-

Clubmen's care and club apsolate (10 laps)
1, R. M. Martn (1.6 U2-Ford), 11 m 57.6 s, 78.68
mph, 2, R. St J Young (15 U2-Ford) 3, J. W.
N. choli (Lotus .mpsis). Class winners: Martin

mpn, z. H. St J Young (1.5 U2-Ford) 3, J. W Nichol (Lotus Impalls), Class winners: Martin and Nichol Saloons at 1800 ec, 001 to 1100 ec, 1101 to 1300 ec and over 1300 ec (10 leps); 1, J. Pat terson (1.3 Mini-Cooper S), 12 m 55.4 e, 78.79 mph, 2, L. Mul, gan (1.6 Ford Anglis); 3, J McClements (1.3 Mini-Cooper S), Fastest lap Patterson and A. K. Poole (1.3 Mini-Cooper S) Patterson and A. K. Poole (1.3 Mini-Cooper S) in 10.4 e, 78.1 mph, Class winners: P. Speers (875 Hillman Imp), D. A. McGranagaan (1.1 Mini-Cooper S), Patterson and Mul gan, Formula Ford (10 laps); 1, J. Smith (Smith (ord), 11 m 3.6 e, 79.45 mph; 2, P. McGarzity (Mcryn); 3, J. Davidson (Crossid).

Prod sports cars up to and over 1500 cc (15 laps); 1, J. A. Philips (1.4 MG Midget), 17 m 414 s, 77.77 moh, 2, H McGarrity (1.3 MG Midget), 2, J. McClements (1.3 MG Midget), (Class winners: Philips and D. McMahon (1.8 MGB). Reeling ears up to 1600 ec (20 laps); 1, T. D. Red (Brabham-FVA BT23C), 20 m 2.8 s, 81.49 mph, 2, 8. Nelson (Lota Ford 180 1/c); 3, J. Watson (1.8 Lota-Ford 100 1/c), Fastest laps: Red, 578 s (equals course record).

Handicap (10 laps); 1, J. Graham (Ford Anglis), 12 m 17 8 s, 75.83 mph; 2, 8 S, Edger (FF Lotus); 3, D. C. Lindsay (1.1 Ford Anglis) Handicap (10 laps); 1, J. M. Mooney (FF Lotus); 3, D. C. Lindsay (1.1 Ford Anglis) Handicap (10 laps); 1, M. Mooney (FF Lotus); 3, B. Nelson (Lota-Ford 180 1/c), Fastest laps: J. Pollock (Lotus-FVA 48), 57 8 s (equals course record).



John Quick is still ruling the E-type roost, and scored another win in WOO 11 at Silverstone

### BARC's NT Silverstone

By ROBERT FEARNALL

iTH seven well-supported races, four new lap records, fine sunny weather and a large crowd, the North Themes Centre of the BARC must have been very pleased with their first ever race meeting last Sunday at Silverstone Sadly, however, a shunt at the start of the FF race put Rod Stevens, having his first race with the AUTOSPORT Win-a-Lotus Competition Lotus 61, into hospital with a broken jaw and other facial and head miuries

The 1150 prod sports cars were mixed with the 2- to 3-litre machines for the first Fred W Dixon race, Poleman John Chatham took an early lead, his big Healey comfortably ahead of a demon 1150 duel between Alan Woode's Midget, David Porter's Feldey-prepared Ginetta-Ford MAE G4 and John Brit ten's Midget, which now boasts a rear anti-roll bar after Thruxton's wheel waving antics. Chatham disappointedly brought the Healey in to retire after seven laps with an overheating engine after the block tap had failed, and now the three 1150s were dicing for the lead, with Porter usually in front down the straight and Woode outbraking the Ginetta into Woodcote. J B. also decided to try to pass Porter, but with no clutch his task was even more difficult, and a missed gear dropped him to third, while the Ginetta blew its rocker cover gasket and spewed its oil all over Woode's screen; but the incredible Woode outbraked Porter into Woodcote for the last time, only to run wide and give Porter his well-deserved win Britten's Midget fin shed a mere 0.6 sec with Britten's winger in sneed a mere of see behind Woode, while Richard Sutherland's Sprite held off Ron Collings' class winning Healey for fourth George Gould's Grietta G4 and David Pratiey's Sprite came to grief in a collison at Copse on the second lap, but both escaped injury.

The first of the two FF races started with Roy Adlam's Viro coming into contact with Rod Stevens' Lotus 61, both cars hitting the barrier just before the bridge. With white flags out, a rather subdued motor race cont nued with five cars challenging for the lead John Stovens' Royale in front of Rod Pickering's BeeGee, John Bisignano's Titan Mk 6,

Ricardo Achear's SMART Merlyn Mk 11A and Liane Engeman's Pringett M strale. The Than spun at Becketts on the second lap, followed two laps later by Achear who then retired with a myster oas mastire, and when Miss Engemann retired with locked brakes, Stevens was left with an undisputed victory from Bisignano, who made an excellent recovery through the field to snatch second place from Pickering on the last lap

With no opposition from Alistair Cowin, the GT race was a Wilhe Green benefit for again the Chevron-BRM B5 (which is for sale) never faltered throughout the ten laps. Twenty sees behind Green came Ian Skarles' Chevron BMW B8, despite fading brakes, after Jim Beach retired the ex-Bonnier I ola T70 Mk 3 with no clutch. Alan Fowler's Mercury-Ford G6 and David Parley's Chevron-Ford B8 took up the third place dice, but Purley spun into the ditch at Woodcote on the last ap. The 1600 class was therefore left to R chard Neal, having his lirst race with a brand-new Chevron-Ford B8 fitted with an ex Ken Tyrrell FVA engine, while after recovering from a spin at Woodcote Martin Warren lost the 1150 class when the Lotus 21 developed a missire on the last lap, leaving the class to Peter Beaver's 23 Another car for sale was John Woolfe's unique Chevron Repco B12 which, apart from acting as a wedding car earlier this year, has not been seen since last year's Le Mans However, the Type 740 Repco engine was suffering from cobwebs in the metering unit, and Woolfe spluttered home sixth behind Ted Bunce's Lotus 47

Three U2s formed the front row for the clubmen's race, with Keith Williams' ex-Beavis Mk 4/6 on pole, flanked by High Chamber am's Mk 6B and Jeremy Lord's Mk 8 The other front row occuper, Charles Blyth, elected to start from the back after his Lotus 7's statch failed in practice Silverstone expert Williams made the running, harassed by Lord, whose U2 was continually plagued with brake problems, while Blyth came through the field at a phenomenal rate to take Cham-berlain for third. Lord slipped back from Williams on the last lap, with Blyth and Chamberlain also well spaced out, ahead of Mark Sharpley's Lotus 7 and Rob Grant's ex-Jack Murrell DRW 7C

The 10 lap saloon race that Iollowed was tame in companison with last week's Thruxton thrider, for it provided a runaway win for Martin Birrane's well-driven 7 litre (31 owt) Ford Fairlane, fin shing 10 sees ahead of Richard Longman's class-winning Down.on Cooper S. Longman was even further ahead of the first dice between the two Minis of Peter Hawthorne and Mike Evans, but the Speedsport car of Hawthorne always had the upper hand and had 0.2 sec to spare at the flag. Hilchimber John Francis brought his Cooper S into fifth after Ian McDougal's Mini retired with overheating problems

John Stevens reappeared for the second FF race and again the immaculate Royale was uncatchable. Behind there was a furious scrap for second place between Paul Weldon's Menyn 11A, Colm Vandervell's Lotus 61 and Charles Carling's Crosslé 16F, but the Merlyn had its nose put out of joint on the fourth lap and was subsequently black-flagged, leaving Vandervell with a narrow advantage over Carling Martin Denley's Alexis Mx 15 and Geddes Yeates' Merlyn 11A enjoyed a similarly close scrap for fourth, finally finishing in that order

For once John Quick did not occupy pose position in the 1151 to 2-litre and over 3-litre prod sports race; instead Warren Pearce was n pole with Quick John Filbee and Anthony Archer making it an all E-type front row Quick made his usual demon start and seemed all set for his customary easy win, but for a change Pearce gave Quick no peace, actually leading at Becketts on the eighth lap, but the unflappable Quick just managed to keep ahoad at the flag Filbee finished a lonely third ahead of Archer, who held off the class-winning Marcos-Volvo 1800 of a determined Chris Boulter. Chris Marsha. Gold Seal Spitfire could not hope to match the power of the Marcos but fin.shed a comfortable sixth and second in class, when Gerry Bagshaw's ex-Wilment Cobra dropped from fourth to seventh with a very sick motor

Fred W Dizon Prod Sports Championship round, up to 1150 cc and 2001 to 3000 cc (10 laps) 1 D Porter 10 Genetia-Ford G4) 11 m 39.2 a, 82.79 mph, 2. A Woods (11 MG Mdger) 3 britten (11 MG Mdger), 4, R Sutherland, 1.1 Austin-Healey Sprits) Festest lap, Woods and Chatham 30 Austin-Healey 3000) 1 m 8.2 s 84.88 mph (1500 cc record) Cless winners, Porter and Collings (3.0 Austin-Healey 3000) Formula Ford (10 laps): 1, Slevens (Royale Racing Prop) 11 m 26.4 s 84.34 mph, 2 kB signano [fitan-Lucas MK 8) 3, R Pickering (BeeGee Ho bay), Fastest lap, Bisignano, 1 m 6.8 s 88.88 mph GT cars up to 1150 oc, 1151 to 1600 cc and

Bs grano [fitan-Lucas Mk 6] 3, 8, Pickerng (BeeGee Ho bay). Fastest lap, Bis gnano, 1 m 68 a 88 88 mph GT cars up to 1150 ec, 1151 to 1600 cc and over 1600 cc (10 laps): 1 W. Green (2 0 Chev ron BRM 85) 10 m 9 6 s 94 96 mph 2, Ska es (2 0 Chevron-BMW 88) 3, A. Fowler (2 0 Mer oury Ford 1/c G6) Fastest lap: Green 80 s 64 8 mph (1001 b 2500 cc class record). Class winners: P Beaver (1.1 Mercury-Ford GT) R Neal (1.6 Chevron-Ford FVA 88) and Green BARC Clubmen's Champlonship round, up to 1000 cc and 1001 to 1800 cc (12 laps): 1, K W ama 1.5 J2-Ford Mk 4/6), 13 m 268 c 87 5 mph 2 u Lord (1.6 L2-Ford Mk 8) 3 D Byth (16 Lotts-Ford 7), 4 M Chamber an (1.5 U2-Ford Mk 8B). Fastest lap: Blyth 1 m 5 2 s 88 79 mph Class winners: A, Diamond (10 C ubman's-BMC) and Williams Salcons up to 850 cc, 851 to 1000 cc, 1001 to 1300 cc and over 1300 cc (10 laps): 1 M Brrane (7 0 Ford Fa rlane), 11 m 21 s 85 mph 2 R Longman (13 M n Cooper S) 3 F Haw thome (13 Mini-Cooper S) Fastest lap, Birrane 1 m 7 s 86 40 mph Class winners: D Edge 850 Mil), b Brch (1.0 H Ilmen Imp) Longman and Birrane

I'm 7 s 60 40 mpn Cases winners: D Logde Stolem III be 8 per (1.0 Hilmen Imp) Logden and Birrane Furnius Ford (10 Seps); J. Severs (Noyde Racing Prep) 11 m 19 4 s 65 20 mph 2 C Vanderve (Lotta-Purley 61); 3. C Caring (Crossie-Planet Eng 18F) Fastest lap Carling 1 m 68 s 65 65 mph Fred W D xon Prod Sports Championship round, 1151 to 2000 ec and over 3000 cc (10 laps); 1, J. Quick (3.8 Jaguar E) 10 m 61 8 s, 88 81 mph 2. W Pearce (3.6 saguar E), 3 s F. bee (3.8 Jaguar E), Fastest lap: Pearce 1 m 4 s 90 45 mph (record) 1151 to 2000 cc record: C Boulter (2.4 Marcos-Votvo 1800), 1 m 7.6 s, 85 83 mph Class Winners: Boulter and Quick





one of the last race, and Graham McRae's F2 Brabham aheady has a handy lead at Paddock over the F3 Brabhams of Keith Jupp and Peter Deal and the rest of the I bre cars

### McRae and McGovern at Brands By TONY HILL

ESPITE a noticeable lack of "names" n the entry list, an exciting seven race programme was presented by the Rom-ford Enthusiasts CC at Brands Hatch last Sunday. One name that did appear was Graham McRae: dr.ving h s F2 Brabham BT23C in the Kent Messenger libre event, he had a very easy win and put a lap in at 49.2 s, only 0.2 sec off the record set by Peter Westbury's BT30 at Whilsun, and this on a damp and sl ppery track

The first race, for small saloous, set the pattern for the day, with three cars contesting the lead at various stages. Bob Mandry made a good start from pole to lead the scramble into Paddock, followed closely by Bil. Sydenham, Mike Weston and Reg Gubb us in sami lar Cooper Ss This order remained until lap 4, when Sydenham overtook Mandry at Paddock and headed the field up to Druids Gubbings started to drop back, but Weston was now pushing Mandry for second spot, the first three cars now nose-to-tail Sydenham made a present of the lead to Mandry when he disappeared up the long circuit following a moment at Kidney; he resumed in fifth place and did well to get up to third by the flag. However, it was now Mandry and Weston fighting it out, on lap 9 they both took to the grass at Clearways, and Weslon got past on the top straight, but Mandry had the power to reclaim the lead before the start line. Weston got the inside line at Druids, but the pair collided and both spun; they continued, little damage having been caused, and Mandry got away first to win by 4 secs. The 850 class went to Tony Barnard's M.ni, fifth overall behind Gubbings and ahead of Richard Holgate's similar 850

The U2s of Bnan Cox and Geoff Bremner were the only two to make a race of the championship round for 750 and 1200 for-mulae cars. Cox took the lead from pole posi non but only retained it until lap 3, when Bremner got past at Druds; Peter Poole (Jenoby) and Tony Butcher (Rejo) followed some way behind. The U2s circulated n close company for the next six laps, the lead changcompany for the next six laps, the leaf changing several times, until Bremner finally managed to path out a world-wluk lead, but it lasted for only one lap, for he suddenly lost all his drive. Cox ripped off his gearlever in the excitement but managed to complete the race in third gear to win by 36 secs from Poole and John Morrel (U2). The 750 division was taken by the JGS of Geoff Smith by a short head from David Coombs' 750 special

The ammaculate 1-litre Bevan Imp of Bill McGovern was on pole position for the large capacity saloon race, but it was Mick Tam

pling's Angha t/c which made it so Paudock first The Anglia held a narrow lead over the 1001 cc Imp for six laps, McGovern unable to find enough room to pass, while behind the Cooper S of Howard Cooper was pushing the Angua of Ken Pettitt for third place Tampling's lead came to an abrupt end on lap when he coasted over the line with a broken grank, and McGovern continued to win by 3 sees from Cooper and Pettitt, the latter only a further 0.6 sec down and win ning the big class from Derek Ridler (Escort TC)

Although FF and F4 cars share an identical lap record at 55 s dead, their event was completely dom.nated by the latter, V xen-Imps taking the first four places. Keith Blaynee made a superb start from the second row to grab the lead from front row men Bob Jarvis and Geoff Filswel., while Keith Norman brought the works car into fourth place ahead of Julian May, making an impressive all Vixen lineup Colin Crang had been on the front row with his Merlyn Mk 11A and could have supplied some competition to the F4s, but a muffed start left him well down the held Jarvis took over the lead at the hairpin on lap 4, and Blaynee lost another place when Firswell came past on the top straight on the next lap He suffered even more misfortune on lap 7 when his fron, nearside wheel detached itself on the way up P Igrims R se, but he managed to stop without further damage Jarvis and Friswell were dieing bard for the lead, the former just managing to stay m front as Friswel eft his challenge just too late. Norman took third place ahead of May, the latter only just staving off a last-minute attack by Crang

Without even enough time to cool off, Colm Crang took up pole postion for the Townsend FF race. He led from flag to flag to win by a short head from Drok Barker (Alex.s Mk 15), max ng one of his rare appearances at Brands Second place changed hands on almost every lap, with MRS mech ame Henry Clark in Ray Allen's Merlyn fighting it out with the ex Trimmer Brahham BT2 of Martin Grant-Peterkin and Barker, who finally got away and vainly challenged Crang for the lead

Next was a 10-lap saloon final made up of the ten fastest cars from each of the earber races. A brief shower before the start made the track very shippery and severa, drivers plumped for rain tyres The Bevan Imp was in pole position, and Bill McGovern made no mistake, leading all the way for his second v.ctory. A first-corner, first-lap incident eliminated the Minis of Mike Weston and Tony

Dixon together with the Anglia of Ken Pettitt, although Weston actually continued in last place, staying there for the duration. Bill Sydenham held second place until he went onto the grass at Bottom Bend on lap 8, continuing until he bit the bank behind the pits, stil travelling very fast, the Mim rose up the bank and perched on top Phil de Banks took over and held second spot in his Cooper S, while Roger Friend drove a very good race to claim third place ahead of Bob Mandry's 1 atre Cooper S, the 850 driver getting ahead at Clearways on the last lap, when Mandry

The main event of the day was the 15-lap l brs event sponsored jointly by Courage breweries and the Kent Messenger. Graham McRae's Brabham, testing for next week's Zolder meeting, made mincement of the rest and he got very close to the record without being at all ragged. The track was still wet, and after the meeting he said that a 47 might have been on if he had needed to extend himself. The main dicing was for second position, disputed by Keith Jupp's F3 Branham BT28, Peter Deal's F3 BT18 and New Zealander Bert Hawthorne's similar car. Hawthorne dropped out on lap 7 with a spin at Paddock, and Deal just got the place from Jupp Andv Sutcliffe (Merlyn) was the only other man to finish unlapped. Fred Saunders put up a very good show n the Austro Vee, due hing with Geoff Friswell's Vicen and leading him by less than I see at the end

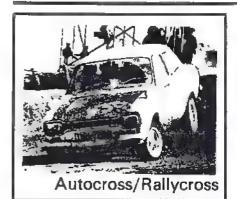
Saloone up to 850 cc and 851 cc to 1000 cc (10 laps): 1 R Mandry (10 Min-Cooper S) 10 m 24 4 s 71 49 mph 2, M Weston (10 Min-Cooper S) 75 cooper S), 3 H W Sydenham (10 Min-Cooper S) Fastest lap Mandry and Sydenham, 1 m 00 s, 74 40 mph Class winners, A, Barnard (850 Mint) end Mandry

Gooper S), 3 H. W. Sydenham (10 Min Cooper S) Fastest lap Mandry and Sydenham, 1 m 0.0 s, 74.40 mph Class winners, A, Barnard, 850 Mint) and Mandry.
750 Formula and Formula 1200 championships round (10 laps): 1, B. Cox. 1.2 U2-Ford), 10 m 05.8 s. 73.69 mpn. 2 P. Poo. 8 (1.2 Jenoby Ford), 3, J. More. (1.2 Je-Ford), Fastest lap. G. Gremner. 12 Je-Ford), 58.6 s. 76.18 mph. Class winners. G. Smith. 750 JGS) and Cox.
Salons. 1001 cc. to. 1300 cc. and over. 1300 cc. (10 laps): 1, W. McGovern. 1001 H. man. Impl.), 9 m 59.8 s. 74.42 mph. 2 H. Cooper. 1.3 Min. Cooper. S). 3 K. Pett. tt. 1.6 Ford. Ang. a. 1/c) Fastest lap. McGovern. Pett. tt. and. M. Tamp. ng. (1.6 Ford. Ang. a. 1/c). 50.0 s., 75.66 mph. Class winners; McGovern and Pett. tt. Formula 4 and Formula Ford. (10 laps): 1. % Jarvis. (875 v. xen. mp.). 9 m. 16 s. 80.28 mph. 2 G. Fr. sws. 875 v. xen. mp.). 3, K. Norman. (875 v. xen. mp.). Pastest lap: Fr. swell. and Norman. 54.4 s. 82.08 mph. Class winners; Jarvis. and C. Crang. 1.6 Merlyn. Steele. Mk. 11.A). Formula Ford. (10 laps): 1. C. Crang. (1.8 Merlyn. Steele. Mk. 11.A). 9 m. 29.4 s., 78.40 mph. 2. D. Barker. (1.6 Aexs. Mk. 15.). 3 M. Grent. Peter. kn. 1.6 Brabham. BT21.) Fastest lap: Barker. 56.4 s. 80.58 mph. Saloons up to 850.cc. 851.cc. l. 1000.cc., 1001.

16 Brabham BI21) Fastest top: Painer, So 7 and 50 58 mph Saloons up to 850 cc. 851 cc to 1000 cc. 1001 cc to 1300 cc and over 1300 cc (10 laps): 1, W McGovern 10 H man Imp) 10 m 39 c 69 86 mph 2 P de Banks (13 M n Cooper 8), 3, R Frend (850 M n) Fastest lap. R Mandry (10 Mini-Cooper S) and McGovern 1 m 18 s 72 47 mph. Class Winners: R. Hofgate 850 M n) Mandry McGovern and B. Leonard (16 Ford Angma).

Angma).

Courage Formule Libre Championship round
(15 laps): 1 G McRae (F2 Brabham-FVA BT23C)
12 m 45.6 s, 87 48 mph 2, P Deal (F3 Brabham-Lucas BT18), 3, K, Jupp F3 Brabham-Holbay
BT28) Fastest lap: McRae, 49 2 s, 90 73 mph.



### PN6: North round 2 to Dickinson

THE Liverpool MC repeated their last year's bad luck on Whit Monday with soaking wet weather and oodles of mud. This second Northern area event saw an entry of 96 to do battle on a very fast course, up and down a fairly steep slope, at Tarbuck Road, Huyton, deep in the heart of the Prame Mim ster's home constituency; fortunately Mr Wilson was not on hand

Practice saw the demise of two potential class winners, Enc Clegg losing his gears in Leda 1 and Mick Sugden's Cooper S break mg its diff. The lunch break was a hive of activity, several cars being frantically worked on, both Jeff Williamson and Geoff Walker having jammed oil pressure release valves in their S engines Walker managed to change his, but Williamson had to do his runs with the engine operating at 150 psi, against a norm of

However, Jeff did not let the state of his now 999 cc engine deter him from taking the small FWD class, just pipping Jim Sherrat for first place, with Sherrat's brother Albert taking their shared Cooper S into third

Class 2 saw Dave Cunliffe in his Chmaxengined Midget rush into the lead from usual class winner Don Robinson (Downton Sprite). In doing so he covered Robinsons' screen with mud so that the latter had to drive with the door open to get vision, but his time was still good enough for second in class. T. Cunliffe, sharing his brother's car, made third spot with Robinson's Downtonised team-mate John Kitchen very close behind

Jan Gordon driving a Fiat 124 brought some variety to the leaderboard in class 3, being the meat in an Anglia sandwich, Semple taking the class and Stu Threadgold, after a brace of class wins this season, in an unaccustomed third position

From 11 entries in the specials class only three actually managed to complete a timed run, with "out of area" man Harry Dickinson (Baconsheer-Climax) doing one of only two runs during the day to beat 130 sees, and Ken Bottomer in the ex-John Akers Autoplas and Mike Jackson (Big Ears) taking second and thand places. Jackson's brother-in-law Roger Durrant, who built the car, had the misfortune to break the diff on his run, but this car/driver combination could well be putting up Northern area BTDs very soon

The runs were delayed at this point while marshals not only removed a large number of spectators from prohibited areas but also had to herd up the stray dogs, who were runtimg their own event on the course. Rally-cross exponent Gerry Branthwaite had no



Harry Dickinson sits very for forward in his Baconslicer special, which set BID by almost

trouble in taking class 5 in his Cooper S with Harrop Motors man Malcolm Hamilton tak ing his brightly painted S-engined Hornet into second spot. Trevor Olds and Robin Sutton fought hard for third place in their Ss, the former taking it by 0.13 sec

Class 6 looked to be the usual win for Gerry Solkow, although Bill Ellam (E-type) has started to push him a bit harder, and ndeed the TVR led the class at the end of the first rans. However, the only class runner on the second runs, Ken Riley in his Ford-engined Midget, drd a superb run to take the class

Barry Woods in the Chinook Motors Imp had an expensive afternoon out in class 7: a bearing cap broke and went through the crankcase, causing an enonnous smoke screen Class favounte Tony Payne's Imp was m sfiring and he pushed off to avoid damage to the engine, and John Akers flew his Porsche 911 round to score ats first class win in his hands, with Bruce Mankin's VW-Porsche second from Vernon's Rallye Imp.

Ian Harwood made up for his disappointments on the Weish by taking class 8 m a most conclusive manner from the big Anglias of Farringdon and Greenway Fourth man Colin Crewer (Anglia) had rushed back from

the Manx specially to compete
Many of the prize winners went home
emply handed at the end of the day, as the
'man with the money' was not present when the results were announced; this was particularly unfortunate as the competitors had waited well over an hour in the rain for prize-giving. Still, all credit to Liverpool MC for getting through the event on such a day of

JOHN FOREN

BTD H. Dick neon (1 f Bacons car-Carmax Spi), 126 99 s Class winners, J. W II amaon (1.0 R key Ef S) 5170 s; D Cun ffs 1.1 MG-Chimax M dget) 155 49 s, D Semple 1.2 Ford Anglia, 157. 71 å; Dickinson G. Brisithwales 1.3 Mini Cooper S), 139 70 s, K. R key 1.5 MG-Ford Midget), 127 73 s u. Akers (2.0 Porsche 911) 146 90 s, Harwood ,1 5 Ford Escort TO) 154 0 s

### PN6: Poor SC round to special

BANK HOLIDAY autocross just has to be successful: the paying public deserve it, and the competitors expect it. But the Vickers Armstrong (Hum) CC ran a very mediocre event on Whit Monday, with a totally un-suitable venue. The best thing that can be said about the meeting was that the proceeds have gone to a charity

The course was so rough and full of yumps, partly because of rain the day before, that the cream of the entry turned straight round and went home in disgust, including Griff Griffiths, Ron Douglas and Winston Percy. Even so a very healthy crowd turned up to witness round 2 of the PN6 South Central area, which ran through to a schedule that can best be described as shambolic.

After many delays, practice became a reality but throughout the day course altera tions became necessary in the interests of the competators simply being able to complete their runs. During the timed proceedings only about half the runners were managing to clock times at all, and breakdowns were plentiful. As a result of this game of chance the results cannot possibly be regarded with any real seriousness as a guide to potent al form in this area, although this observation should not detract from the performances of these who did persevere.

In the up to 1-litre Minis class, Pearce was

some 11 sees quicker than the next class competitor in practice, but in the timed runs it was the Moto-Bitz paid Keith Aslett and Minty all the way, the only two under the 3-mins mark.

The Ross family were obvious favourites in the small sports and GT car class in their Ford-engined Rochdale Olympic. misfiring ruined Jean Ross' timed run, husband Keith romped round to win the class, the beautifully prepared machine looking very happy despite the diabolical surface.

Graham Watton made a welcome autocross appearance in his Escort GT and was very fast and spectacular in practice, but in the afternoon his power unit succumbed to an mternal mechanical failure. The class lead therefore became the subject of a battle between Luck and Denis Thorpe in the latter's 1300 twin carn Cortina Mk I and the incredible P. Coates in an 1148 Morris Minor. The Minor won by 5 sees and didn't seem at all put off by the state of the course, which deteriorated even more during the afternoon, making any improvement on first-run times a virtual impossibility.

Pockham's special was fastest in practice in the specials class, but was beaten in the afternoon by D. Argyle's 1650 Turfsmoker Argyle narrowly led Peckham after the first runs by 0.1 sec, and somehow, when everyone else was going progressively slower, he managed to improve his time by 3 secs and clinch BTD

John Smth led the large Mmi-Cooper S contingent in practice and on both timed runs, winning the class by over half a minute from the Ford-engined 1650 Mini of Jim Morgan, making its interesting début. Fed Cooke's Sprite won its class as it pleased, as d.d Mark Haynes' NSU 1200 TT, while Taylor's 1650 Anglia led on all three of its runs to take the large Ford class from Wood ward's Cortina 1500 and Trevor Fox's 1600 Anglia.

Altogether very much a non-event, and certainly not what Bank Holiday motor sport should be all about The VAHCC must do better next time, regardless of the weather before the event, for at least the conditions remained favourable throughout the day that mattered

TONY WILLSON

BTD: D. Argye [165 Turfsmoker-Ford Spl).
2 m 43 2 s
Ciass winners: K Asiett (10 M n.) 2 m 50 7 s
K. Ross (13 Rochdale-Ford Olympic) 2 m 53 s
P. Coates (1.2 Morns Minor), 3 m 4.6 s,
Argye J. Smith (13 M n-Cooper S) 3 m 28 4
S. T. Cooke (16 Austin Healey Sprite), 3 m
20 s; M. Haynes (1.2 NSC TT), 3 m 41 s; B
Taylor (165 Ford Angla) 3 m 5 s.

• The rallycross on Whit Monday at Lydden Hill, organised by the BARC SE Centre and the TWMC, featured an exciting last-run-of-the-day battle between Rod Chapman's Escort TC and the Cooper S of Brian Chatfield After Chapman had led for half the distance, the result was a narrow win for Chatfield with the best single run of the day at 2 m 48 8 s, but when the total times of the three runs were added up it was Chapman who had annexed the first of the eight BTD awards

Almost 20 sees slower than Chatfield in

Almost 20 sees slower than Chattield in third place was Tony Skelton (Cooper S), followed very closely by Roy Edwards in the Tun Tyres Mini, Nick Whiting (Escort), Paddy Thorne (Cortina), Clive Jockell (Anglia) and Jim Taylor (Volvo). The BTD awards system meant that, out of the 22 competitors who survived the event (there were 16 non-finishers), only eight failed to gain an award

BTD: R. Chapman (16 Ford Escort TC), 8 m 34.8 s, 2, B. Chattle d (13 Min-Cooper S) 8 m 36.6 s, 3, A. Skelton (1.3 Min-Cooper S) 8 m 56.0 s 4. R. Edwards (13 Min-Cooper S) 8 m 56.4 s, 5, N. Whiting (1.6 Ford Escort TC) 9 m 10 s, 6, P. Thorne (16 Ford-ot-s Cortina), 9 m 72 s, 7, C. Jockell (Ford Ang.a), 9 m 18.4 s 8, J. Taylor (Vo.vo) 9 m 32.6 s. Class winners: 9 Ayres (Mini), 9 m 34.2 s J. Wexham (Moni), 9 m 48.6 s, A. Mash (Austria A40), 10 m 47.4 s, F. Nosek (16 Ford Escort TC) 9 m 34.6 s, R. Standen (Austria Healey Sprite) 10 m 17.6 s, R. Piper (Voikswagen) 10 m 46.0 s

• The first of the six qualifying rounds of the new Castrol National Autocross Championship was held by the Irish MRC at Dundalk on Sunday, May 18 On a fast and dryrack two new specials were quite uncatchable, and BTD went to Liam Maddock in his 1.5 Volkswagen Spl with a time of 2 m 9.6 s Second fastest was John Tansey in his screaming DKW Spl at 2 m 11.0 s, he would have beaten Maddock but for a pylon knocking episode on his last run Pat Fay (Renault R8 Gordini) was next at 2 m 11.7 s. There was a very big entry, and there is no doubt that autocross is currently unding the crest of a big wave of popularity in Ireland.

BTB L. Maddock (1.5 VW Sp.), 2 m 9.6 s Class winners: P Speer (H Iman mp) 2 m 17.9 s J. N Tansey (1.1 DKW Spl), 2 m 11 s D Cul en (1.3 Mini-Cooper S), 2 m 14 6 s, Maddock (2 casses)

Overall Handloap: 1, J Hayes (1.3 Mini-Cooper S) 2 m 8.6 s; 2, J, N, Tansey, 2 m 9.0 s; 3, Maddock 2 m 9.6 s

Ladies: Miss R Smith (Himan Imp) 2 m 22.4 s. Novice: B, Fagan (Ford Cortina QT), 2 m 29.8 s

### Another Jet event to Craker

HE second round of the Jet Autocross Championship was held by the Borough 19 MC on Whit Sunday at the Puttender Manor course near Lingfield, Surrey

The class for FWD cars up to 1000 cr was hotly contested with 30 entries. Owen Coffey's first run 1 m 14.57 s set the pace and proved fast enough, with Brian Streat second and Torn Appleby and Rodney Charge equal third The Spridgefire class was more exerting, the honours finally going to Chins Stedman with Ken Cook second. A valuant effort was put up by Ketth Wilson, who did all three runs without a clutch, having to be push-started, and finished fourth.

Class 3, for front-engined RWD cars up to 1300 cc, has recently been nearly all-Anglia, but this time it produced two Morris Minors and a 100E. Competition was fierce all day, but in the end the honours went to Tom Osmond, driving a borrowed Anglia after a wheel came off his TVR Tuscan in practice. Second was Mark Kemp

Class 4, for specials, contained two Beach Buggles, and Pierre du Pless's won at 1 m 13 31 s, closely followed by Joe Smith in the same car at 1 13 80. The flereest competition came from the big Cooper 8 class Graham Craker, the first round winner, drove saperbly to take BTD again, a clear 3 sees ahead of Tony Skelton, who took the class

Second was Stan Hastlow in his tartan Mini, after an exciting dice with Gary Streat's 1293 S.

Class 6 produced the closest finish of the

Class 6 produced the closest finish of the day, with Tony Hill's Ford crossflow engined Sprite first with 1·19.42 from his co-driver Ted Cooke [. 19 45). The front engined RWD class over 1300 cc had 20 entries, 19 of which were Anglias against the lone Volvo of Jim Taylor. The class produced another class battle between Josef Therstappen and John Hardesty, the former taking the honours by 0.6 sec.

The rear-engined class had only four entries,

The rear-engined class had only four entries, and the award went to Dave Biggs (998 Imp) The final class, for novices in standard FWD saloons up to 1000 cc, was won by Bil Davey by a clear 5 secs over Mick Reeves, both driving 850 Min.s.

So ended another highly successful event,

So ended another highly successful event, leaving Graham Craker and Pierre du Piesss leading the Jet championship table with 20 pts each

BTB G Craker (13 Mn-Cooper S), I m 10.4 s. Class winners O. Coffey (10 Mini), I m 14.57 s, C Stedman (13 Austin-Healey Spride), I m 16.31 s I Osmond (13 Ford Ang. a), I m 20.21 s P du Pess s (1.8 VW Beach Buggy) I m 13.31 s. A Jikelton (13 Mini-Cooper 3), I m 13.49 s. A Hill (1.6 Austin-Healey Ford Spride), I m 19.42 st. J Therstappen (165 Ford Ang. a), I m 17.25 s. D. Biggs (10 Hillman mp), I m 18.25 s, B. Davey (850 Mini), I m 26.43 s.



BTD man at the Lydden rallycross on Whit Monda; was Rod Chapman (Escor sideways in his pursuit of Tony Skel on's Cooper S



Liam Maddock had a field day with his VW Spl at the Dundalk autocross—he made BTD, won two classes, and was third in the handicap off the scratch mark.

## PN6 Scottish win for Mini

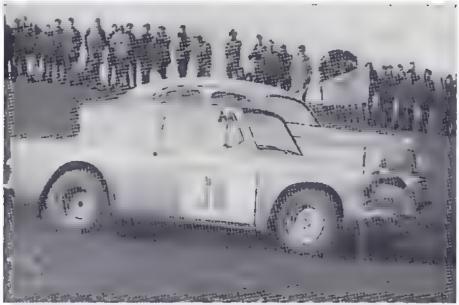
It was the turn of the Lanarkshire CC on May 18 to stage a round of the PN6 Scotush Autocross Championsh p, the third, at Caldeouts Farm, near Newton Mearns. On a dry, undulating course, 63 of the 73 entrants faced the starter to perform before a crowd of 4500, the largest so far.

Lest year's Scottish Champion Andrew Smith had not entered, and nor had jovial Jim Dickson, who was present but driving a camera instead. However, Dundee was well represented by the bullant Ross family, Mel (58.1 s) and Ray (89.5) running away with the two best times of the day, while brother Roy took his class (100.6) driving a Spitfire.

two best times of the day, white order Roy took his class (100 6) driving a Sp.tfire.

With the largest class buttoned up by the Ross brothers' 1.0 Mini, Gavin Nimmo (850 Mini) was third, followed by the 1-litre Minis of Angus MacDonald and Archie Wilson Maxwell Hunter (1 3 Escort GT) took the front-engined RWD saloon class, heading Douglas Brown's summar car, with Niali Hamilton's miniaculate Morris 1000 third just shead of Andy Gray (Escort GT).

The seven specials were led by Brian Mc-Luckie, sharing his 1537 Mini with Rob Stewart, this pair was split by Geoff Rosen bloom's Beach Buggy The big Mini class went to Jim McCaig in his 1.3 Cooper S from Donald Lamont, these pair running away from Paul Roxburgh and Roy Watt in 1275 models



Morris Parr in his V6-engined Anglia dices with the Peugeot 204 of W. D. Ritchie

Barrogil Angus (1.0 Imp) came down from the north of Scotland to take his usual class win against the Porsche engined VWs of Bill Black and Laurie Capaldi, while the big saloon class again went to David Black and his ubliquitous Volvo, despite a strong challenge by Bill Re d's similar car which ended with the bumper grinding the front tyre to a stands...!

David Wright (1.5 Angha) took second, with Dave Fulton (1.5 Cortina GT) third Bill, Henderson

8TD, M. S. Ross (1.0 M n.), 88.1 s (1888 Winners G. R. Ross (1.3 Trumph Spithers), 100.8 s. M. Hunter (1.5 Ford Escort GT), 101.0 s. B. McLucke (1.5 M nl) 91.6 s. J. McDalg (1.3 Min-Cooper S), 89.8; D. B. Angus (1.0 Himan Imp) 95.2 s. D. C. Back (2.0 Volvo) 96.7 s.

### PN6: Day wins at Canewdon

The Thomes Estuary AC last Suoday managed to promote the first Players round in the South-East that had sun all day and a bone dry track. The meeting at their Canewdon course, near Southend-on-Sea, had a very large entry and, as seems to be the case with all Players meetings, a huge crowd. The track was flat and only rutted badly in one place, where it caused a number of quite dangerous-looking moments.

It was a day of falling crowns in many of the classes, top surprise of the day being provided by Mike Day's Cobra engined TVR Tuscan, which took BTD by nearly 2½ sees after two tremendous rins in which Mike really turned on the power There were some out-of-area "snoopers," including M ke Dabbs in his 1293 Cooper S and Richard Wharton with his 1300 Anglia, both down from the Midlands

Class 1, for small Mmis, saw the 1000 cccars completely beaten on a course which should have favoured their extra power. John Geeves' 850 made all the running on the first outing, but was passed by area newcomer Monty Guildford in his 850 on the second Guildford will certainly be one to watch in this class, as he was a full 1 sec ahead of the first 1000 cc car, the Swiftune Cooper of John Coleman, who could only manage third spot despite his "Rapid Red Raver" motio

Nick Ramus was unfucky to have two runs in which he was slightly badiked, but ha Sebring Sprite was fairly and squarely beaten by the Auto Sport Centre MG Midgel of contingman Barrie Dutnall. To show complete consistency, Dutnall made identical times in both runs, beating the rest on both. Mike Berg's lightweight Spidire broke a half-shaft in practice. Third man Richard Moore took on the John King Sprite Mk 3 and, after a very close dice with a lot of place-swapping, Moore's smaller 998 Mk 1 vanquished the

1293 car

Richard Wharton found that the South-Eastern drivers are as fast as their reputations but still managed to get into third spot in the 1300 RWD saloon class. He only just lost second place when, with identical second run times, his first run time was 0.7 sec. slower than the Reg Gubbings Racing Anglia of Alan Russell Tony Merridele took his 1300 Broadspeed Anglia into top spot, consolidating his

ad in the class overall, while Trevor Jones' LeeSpeed Developments 1300 just fa-fed to beat Russell am. Wharton. Dave Matthews went very well in his seemingly unsuited Standard 8 with ex Sandilands Spitfire engine, gealing into the top ton

With twoce winning Barry Walter away, the specials class was wide open Harry Dickin son's Baconsleer streaked away in the first runs, but its Coventry Climax engine and chain drive were not enough to hold off Dennis Baldwin's Timp, with its never ending revs Baldwin lapped cars on both runs and in his first spent a lap dicing with John Grimes' Lotus 7 and Chris Bruce's Brumo Arnold Butcher brought the venerable Lotus 6 into third place, but poor Derek Hearn was unable to sort out the gears on the Twin Tiger special

The favourite of the day, Ron Jones, had a lot of trouble on his first run and could only pick up a class second, being half a second off the winning time. Mok Bolton's 1293 Baldyne car won both runs and had a thrilling second outing with Moke Dabbs' 1293, the two of them really getting down to the rafty tactics of the game. It was good to see Roy Edwards out in yet another Tun Tyres Cooper S, which he "had thrown together out of bits that were lying around." He took fourth place, just behind Gerry Poore who was condriving Ron Chit's 1293 out.

Undoubtedly the man of the meeting was

Mike Day, who has been proped by the ex-Akers car of Tom Osmond on other occasions but this time wound the most powerful car of the entry to BTD on both runs and a very well deserved class win. Osmond was second, 2.5 sees in arrears, and the Lotus Elan of Tim Graham was third Paul Kerridge had a lot of gear-change trouble and never really got going, as his new Howland hux was wrongly geared even when selection

but a lot of gear-change training and how was wrongly geared even when selecting.

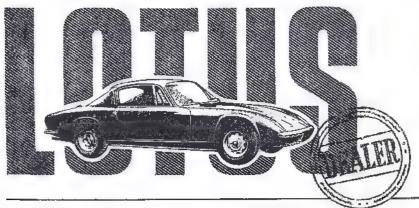
Griff Griffiths' bad luck was dispelled this time, and he took his VW (with ex-Dickie Stoop Porsche engine) to a class with a time which turned out to be second BTD Paul Emery, making a return to the loose with a turbocharged 1150 lmp, managed, but only just, to get into second place, as his engine threw a rod over the finish line. Laurie Manifold was third in the 1600 Beetle.

The large conveniena, saloon class tacked Rod Chapman again, but Brain Secker would have given him a good run, taking the class in his Denoons of Chelmsford 1650 Angha Jim Wicks put up another good performance with the Twin-Cam Angha but just couldn't get up to Secker's first run time Ron Douglas cooked the engine of his 1800 Escort after losing all the water in practice. Jeff Bariram's similar car, which now replaces his ex Lee Angha, went very well, taking fourth place behind Bob Merndale in his 1600 Angha

The eliminator was probably the most exciting yet, with almost every run proving close. It was won by the RC Special of Ron Chandler after a very friendly re-run with Tim Graham. The RC jumped the sourt and cameround again for another, and then a wheel fell off Graham's Ean!

TONY WILLSON

ETD: M Day (47 TVR Tuscan), 1 m 24 4 s Class Winners. M Gu dford (850 Min) 1 m 28 7 s, B Duina (1,3 MG M dget) 1 m 28.0 s T Merrdsle (13 Ford Angla) 1 m 310 s D Ba dwn (1.0 T mp Sp), 1 m 27 9 s M Boton (13 M.n-Cooper S), 1 m 27.1 s Day: W Griftha (16 vW-Porsche) 1 m 26 7 s B Secker (16 Ford Ang a), 1 m 27.7 s



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### OULTON PARK

Saturday 7th June - 2 p.m.

Practice from 09 00

### Mid-Cheshire Cup

organised by the Mid Cheshire Motor Racing Club. Events for Formule Libre, Formula Ford G.T., Production Sports, and Saloon Cars with quairlying rounds of the Redex Saloon Car, Les Les on Formula Ford and the Site. Champfonships

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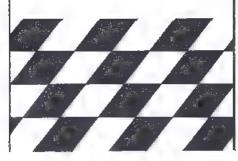
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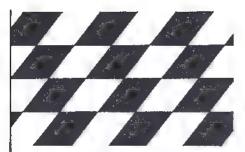
Sunday 8th June - 2.30 p.m.

BARC Clubman's Races

events for Form, elbre, Formula Ford Formula v. Production Sports and Saloon Cars with a qualifying round of the Bob Gerard Formula Libre Championship

Reserved Enclosures Ad .lts10+ Children 5, -incl. id ng aam ssion to Stands Paodock Transfer 5 extra.





### **SNETTERTON**

Sunday 8th June - 2.30 p.m.

Clubman's Races

organised by the Cheshunt Motor C.ub. events for Form ale L bre Formula Ford GT Production Sports and Saloon Cars

Reserved Enclosives Adv. ts10 Chilaren 61 including aam ssichtu Slanos and Padoock

Parking Free at all Circuits.

### club news

 Norman Harvey, out for his first autocross this season, took his 1293 Cooper S to BTD in the Taunton MC's PN6 SW area round last Sunday Harvey won after favounte Ian Headon broke the diff of his very rapid IRH special. Report next week

BTD: N Harvey (13 Min-Cooper S, 1 m 54 s Class winners: A Davies (1.0 Min Cooper S), A. Thwarle (12 MG Midget) D Thorne (13 Ford-octs Cortina) C Webb (13 Lots BMC 7), D. Harrs (18 MGB), M Ranger (10 H man Imp) W. Percy 16 Ford Angla 1/c)

- The BARC SE Centre are holding an ACSMC championship autocross on June 22 at Bo-Peep Farm, Selmeston, using a 900-yds course on the field formerly used as a car park for the old Firle hillelimb B19MC, Brighton & Hove MC, Eastbourne & DMC, Hustings 1066 Fast Sussex CC, TWMC and all championship entrants are eligible, and rogs are available from Mr. B. G. Edgerton, 32 Andenda Road, Willingdon, Sussex; entries (30s) close on the 15th.
- The Buckingham & DMC are holding their round in the LCAMC championship on July 6, and regs are now available from Mrs G Leon 14 W.llow Grove, Old Stratford, Backs
- 6 Lotus 47 driver Paul Kerndge will have a direct rival in autocross and rallycross next season, for Lotus Elan exponent Tim Graham has bought a 47, complete with BRM twin-cam and Hewland five-speed gearbox.



### Gurston win for Williamson

THE BARC South West Centre ran a round of the Castrol BARC Hillelmb Championship at Gurston Down on What Sunday, when disappointingly few spectators turned up to watch an excellent meeting in showery weather. BTD was set by Sir Nick Williamson's twin-cam Brabham BT21C with a time of 3811 s, and Jeff Good off in the rapid and noisy little British Vita Mmi GI took over the lead in the champronship from Morgan driver David Way, who moved into second ahead of Chris Ctamer (10

Cooper S) and Peter Voigt in the DRW-Imp. Tony Ballen's 850 Mini won the first class over 3 secs from Dav.d Clement's Mini, and class 2 went by less than 1 sec to Cramer from the similar car of Sandy Hutcheon. More Mini battles were seen in the next two classes, Brian Preston beating John Pascoe by 0.24 sec in 1.3 Cooper Ss, and Tom Christie beating Henry Blacklidge by 0.44 sec in over bored Ss

The prod sports classes went to Kerth Ashby (Micget) from Judith Day's Marcos and the Midget of Fred Whitaker, and to Brian Alexander (TVR Buck) from Ken Kenyon (F type) and Way. Voted had an easy time in the small GI class, and a new champenship entrant, David Good, then provided what was perhaps the highligh, of the meeting by making a long awaited appearance at this hill with his latest Chevron B8. He knocked a full 1 sec off the old record with a 38 92 with the brilliant orange car, although he was perhaps lacky to have a dry surface on which to perform Goodl'ff was 1 22 secs benind with the VitaMin

The single-scater classes went to Geoff Inglis' Cooper-Norton from Lance O'Connell's Tom Etton's similar but younger Cooper, and, after Nick Williamson set BTD, to Etton's son Spencer in his twin-cam Brabham Bris. The weather played havor with this class and the run-off, Mike McDowel (Brabham-Camax Br30X) and Chris Court Br21A t c) both being unfortunate

For the run-off the track was shppery, but Walamson climbed in 38 80, only 0 69 sec outside his BTD time, to win with ease. Good was second from Voigt, Alexander, Goodliff and Garston newcomer Jack Maurice in the ex-Ron Fry Ferran 250LM, who had been third in the big GT class.



Jeff Goodliff's blown BVRT MiniSprint, went into the lead of the Castrol BARC championship.

on on an eight-port head,



grass on his BTD run.

AUTOSPORT, JUNE 6, 1969

BTD SIr N Wilhamson (1.6 Brabhs BT21C I/c), 33 11 .
Class winners A J Bullen (850 Min ) 49 04 s, C. F. Cremer (10 Min -Cooper S), 44 69 s, B Preston (13 Min -Cooper S), 44 40 s I, H Christe (1.3 Min -Cooper S), 44 40 s I, H Christe (1.3 Min -Cooper S), 43 31 s; K. N Ashby (15 MG M dgel), 44 57 s B. G. A exander (3.5 TVR-Buick #8), 40 B2 s, P. Vogt (10 DRW-H, man Mk 4), 40 12 s; D. R. Gdod (20 Chevron BMW 88) 38 92 s (record); G. Ing s 500 Cooper-Norton Mk 10), 44 19 s; F. Dicker (1.1 Cooper-JAP Mk 8), 39 98 s, N. S. Elton (16 Ford BT18 tip), 38 26 s
Ladies' award: Min T. Dunne (1.6 Brabham Ford BT3 1/c) 45 60 s
Top-ten run-off; 1, W. amson 38 80 s; 2, Good 40 32 s, 3, Vo.gt, 41.31 s, 4, A sxander, 41.82 s 5, J. Gdodff (13 Min, GT) 42 47 s, 6, J. Maurice (30 Ferrari 250LM) 42 65 s; 7, J. H (1.6 U2 Ford Mk 6) 43 35 s, B. Cramer 43 43 s, 9, D. Way (Morgan 4/4), 43 79 s, 10. Ashby 45 85 s.

• Regs are out for the BARC Bristol & Bath Centre restricted Castrol/BARC Hill-climb Championship round at Wiscombe on June 29 BOC, Plymouth MC, Salisbury & Shaftesbury CC, 750MC, Taunton MC, Woolbridge MC, Yeovil CC, West of England MC, WHDCC and Exeter MC are invited, and entries (£3 10s) close on June 20; secretary of the meeting is G, E, A, Budge, 33 Birch Grove, Chippenham, Wilts

### Car-breaking Santa Pod

I F nothing clse, the BDHRA sixth annual Big Go, held at Santa Pod over Whitsun, proved one thing: you need more than just a fast car to win. You need a strong one. For a lot of racers it must have proved the

most expensive meeting ever

Tony Densham smoked the 427 Ford-powered Commuter through the quarter-mile m 8.50 sees at 171 82 mph, then the 'chute failed to open and once again he suffered a holed sump-backed up with a thrown bearing shell. Happily they were carrying spares (once bitten . . .) and sat up most of the night welding the sump and polishing the crank, and Commuter rolled to the line on Monday for another try. The smoking demonstration of brute horsepower lasted 8.56 secs as the dragster cleared the quarter-mile at 176.37 mph-it wasn't just a shell this time, it seems the bearing let loose, putting paid

to a seven for yet another weekend.

Allan Herridge's beautiful Chevy-powered junior fueler had its first run of the season mins later had is like in the first of the season arose being rebuilt, and cranked off 137 35 mph in 10.2 secs. He came out again 30 mins later, and threw up a 100-yds smoke-screen—it blew a piston. So did Harold Buil's storming little Stripduster. The king of the "Big Blow Boys" just has to be Mike Hutcherson, who smoked the blown Cadiffacpowered Hils Houndoy to 10.65 at 125.63 mph -and split the cam, the crank and the MICE COLLINS.

Divisions: Production, Bill Welchett (4.7 Trident-Ford). Sports production, Cliff Watts (1.3 Pipe Dream-BMC). Superstock, Clive Skilton (Vauxhat Ventora). Modified production, Bill Jayner (Plymouth Berracuda). Street silered, Joe Copp (Mighty Mawerick-Chevrolet). Drageter Mike Wheeler (1.0 Scorpion-Hilman). Drageters: Top, John Siggery (Geronimo-Cldmobel) Mid, Tony Anderson (Trouble-Ford Ve). Jun or, John Whitmore (1.0 Chemx-BMC). Competition: Top, Dennis Priddle (Woolfe-whietler-Chevrolet). Mid, David Render (3.5 Ginetta-Buick G12). Junior, Deve Florent (Ford Arrgha).

Arigha). Street: Top, A. C. Le Fort (3.3 Ferrari 250LM). Mid, Le Fort, Junior, A. Palmer (Ford)

 The BDHRA can a very poorly supported meet at Santa Pod last Sunday, when the dry weather was the only good feature. The runs were delayed until after 3 pm, partly because the organisers omitted to arrange the presence of an ambulance. Results.

Dregsters: Top, Maurice Hicks (Avenger-Jaguar), 12:30 s, 114:42 mph, Junior, Brian Par-kin (Triumph kart), 13:99 s, 98:14 mph. Street: Top, Joe-Rice (Little Maverick), 15:82 s, 100:50 mph. Jun.or, Cliff Jones (Sunbeam Raper), 17:22 s, 78:00 mph.

- On June 29 the SWAC are running a re-stricted sprint at Llandow, with eight classes for saloons, sports/GTs, single-seaters and libre. The event is open to BRSCC, BARC South Wales, MGCC Bristol, Burnment soum wates, MGCC Bristol, Burnham-on-Sea MC, Hagley & DLCC, Tavern MC, Bridgend MC, Swansca MC, NSCC, Ontord MC and Welsh Counties CC, and entries (30s) close on June 25; regs from Colin Griffiths, 19 Winnipeg Drive, Cyncood, Cardeff. Cardeff.
- · The third round of the Santa Pod Sprint Championship organised by the London MC will be held at the Bedfordshire venue on July 13; its sponsor will be Turner-Friel Ltd, the concessionaires for Berdahl oil additive products



Brian Cullen here taking the last bend in his twin-cam Lola T60, was one of the few drivers to climb Calary when heavy rain was falling on the second runs.

Last year the MG Club (Irish Centre) had to cancel their Calary Hile mb at the halfway stage when Frank Keane's Lotus-A.fa Romeo 18 saturated half the hill in oil. On Saturday, May 17, this event was effec-tively ruined again at the halfway mark when very heavy rain turned the tarred road into a skating rink and most of the fast boys declined to take their second runs.

BTD went to Richie Heeley, who was timed at 50.99 s in his blown 1.5 Lotus-Allard 31. Brian Cullen, one of the few to race in the wet, returned a 51 74 in his twin cam Lola T60, and David Furlong did a very creditable 53 13 in his FF Lotus 61. Best of the saloons was Freddy Heaney in his 1,3 Hornet at 54 s, followed by Stee Griffin (1 3 Cooper S) at 54 71.

BTD: R. Hee ey (15 Lotus-Ford 31 s/c); 50 99 s. Class winners: J. Kesney (1.0 Min-Cooper S); 67 0 s. F. Hesney (1.3 Wo seley Hornet); 54 0 s; T. Job ng-Purser: (2 0 BMW 2002) 58 05 s; C. Verd (2.0 Porsche 911S); 58 16 s. D. Furlong (FF Lotus 61) 53 13 s; R. Heeley 50 99 s. Overall Handicap: R. Newell (550 Leptechaum BSA), 47 16 s; D. Humphrays (Friumph Hersid) 48.89 s; R. Gorman (1.3 Min Cooper S), 48 03 s.

 Following his Barbon victory on Saturday, David Hepworth took his Hepworth Olds to BTD in the BARC Yorks Centre's Montaguo Burton Trophy national at Harewood on Sunday, also winning the run off from Jimmy Johnstone (Brabham-Buick), Roy Lane (Tech-Craft Burck) and Mike MacDowel (Brabham-Chmax) Jeff Goodliff set the only record of the afternoon when he broke the class 9 time with the BVRT MiniSprint. Full report next week. Results

next week. Results:

ETD: B. Hepworth (4.5 Hepworth-Oidemobile FF 4wd V8), 43-20 s. Class winners: E. Stansfeld (1.0 Mira-Cooper S), 53-51 s. R. White (1.6 Ford Cortins GT), 63-54 s. N. Porter (1.3 Mini-Cooper S), 50-25 s. E. Stansfield (1.0 Min-Cooper S), 50-25 s. E. Stansfield (1.0 Min-Cooper S), 49-82 s. F. P. Kaye (1.3 Min P.Cooper S), 49-82 s. F. P. Kaye (1.3 Min Mindel Mi

- Regs are out for the Longton & DMC's restricted sprint on July 13 on the fast 11male Burtonwood aufield course near Warrington, Lancs, BARC Y speed event classes will be used, and BARC Y, BRSCC NW, Liver-pool MC, MGCC, MCMRC, Morecambe CC, SD34C, VSCC and YSCC are invited. Entries (£2) to Mrs M. J. Frew, 32 New Lane, Penwortham, Preston, Lanes (Preston 43933), by July 5
- Coming up on July 20 is the BARC Yorks Centre's second restricted Vintage and Novices Hillclimb at Harewood. Regs are available from the club's Leeds office at 6 Sidney St, Vicar Lane.



- Racing chief constable John Gott was principal guest at the annual dinner, dance and presentation of awards of the East Midlands Association of Motor Clubs at the Grange Farm, Toton, near Nottingham, last Friday (May 30). He presented the trophies, including the association inter-club shield to Dukeries MC, and individual rally drivers and navigators awards to Dave Sutton and Colin Adkın.
- The official results of the Farnborough DMC/Guildford MC Dimanche Tour Rally show that John Hodge/K James were third in a fuel-injected Peugeot 404 with 1033 penal-ties, and that T. Patteson/Miss C. Last (Cooper S) were eighth with 1151. The results we published last week should be amended accord.ngty.
- English driving test expert Rodney Good-child won the Isle of Man Daily Mail driving tests on May 25 with his 1300 Cooper S. The tests formed part of the Manx Trophy Rally, and Colin Malkin's winning Imp won its class; David Smith (Escort GT) and Paul Kerndge (Honda 800S) were the other class WIRDSON.

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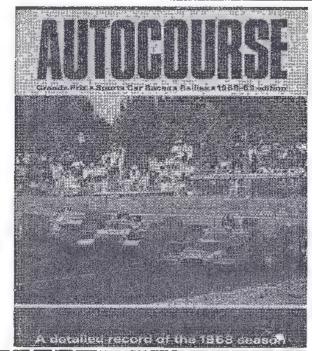
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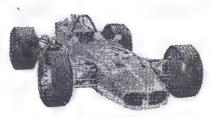


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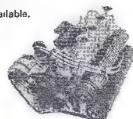
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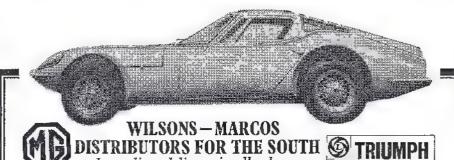
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Mickshire. (23 GEARBOX SPRITE rib case, c/ratio, sicut, magnesium alloy whoels, 7½ in wide, 13 in dia. B. J. Aston. 20 Clanfield Drive, Chandlersford, Hampshire. (23 FORMULA FORD WANTED, Must be competitive car. Tel: Chesterfield 75518. (23

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DAMAGED sports car urgently required, preferably MGB/E-type/Elan Immediate cash payment. Tel: 01-579 4999, (23

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Reading 82816.

1967 FHC, carnival red, all usual S/E extras, Cibie lights, 25,000 miles, very good condition, £1180 ono. Tel: 021-355 2444, any time, Nigel. (23x 1965 ELAN SZ. H/S toos. Radiomobile. metallic green, £745 ono. Tel: Darton (Yorks) 2920 (after 6). (23x

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2 Ford steel wheels 7 x 13

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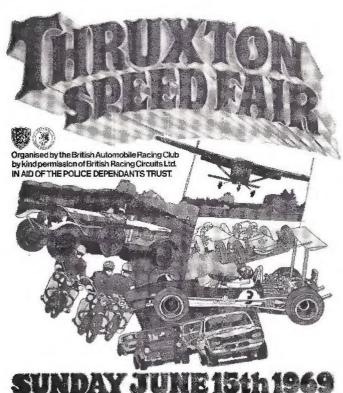
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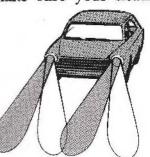
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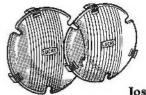


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